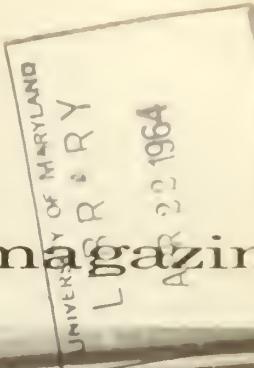




Maryland Room
University of Maryland Library
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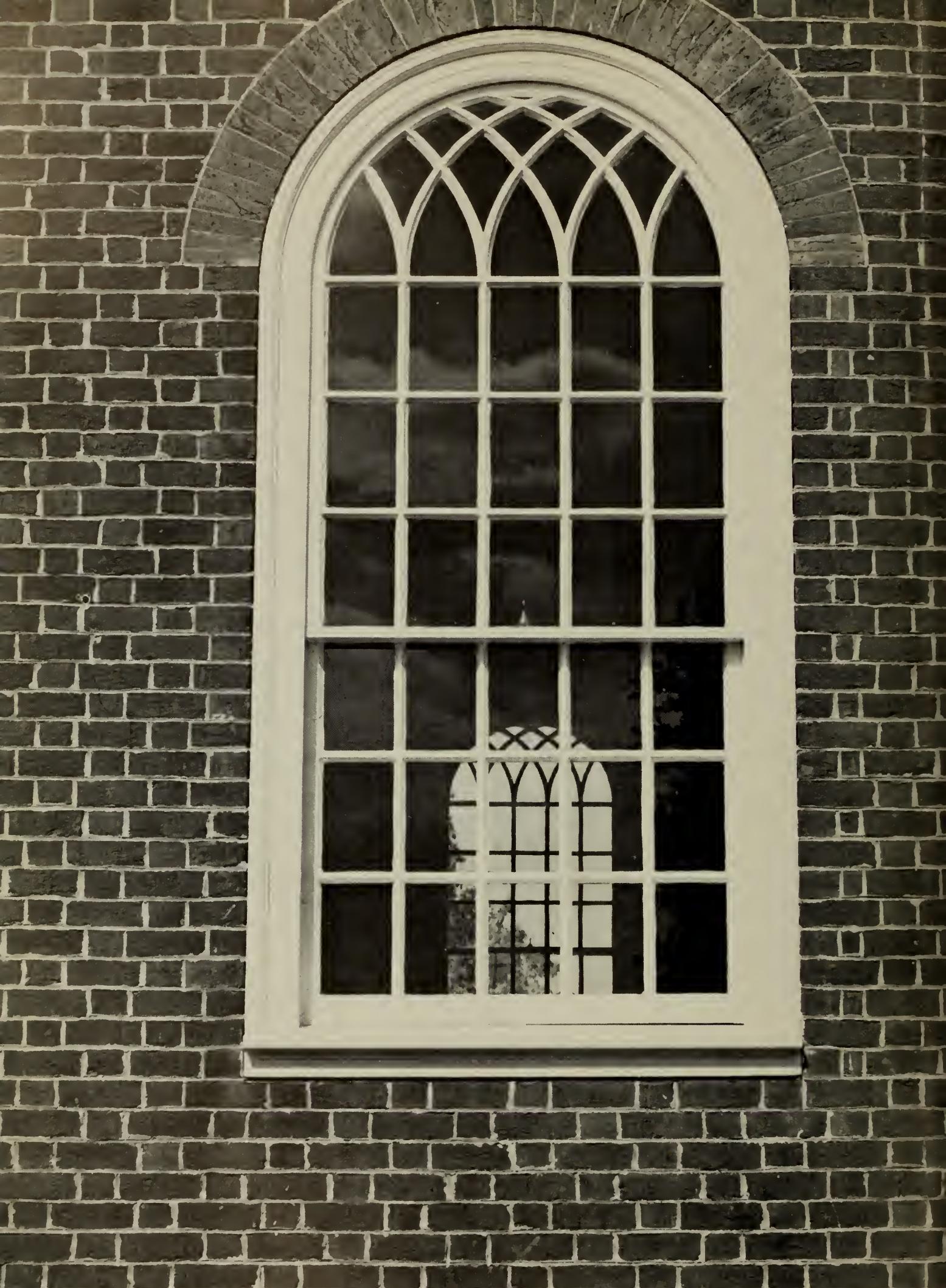
Alumni Publication of the University of Maryland

Maryland magazine



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- HIGHLIGHTS OF THE ANNUAL REPORT
- MARYLAND GIRLS
- UNIVERSITY APPOINTS NEW ALUMNI DIRECTOR
- UNIVERSITY SINGERS LEAVE ON TOUR



the Maryland magazine

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Volume XXXVI

Number 1



THE COVER: As they boarded their jet to begin a four-month tour of the Middle East and Europe, the University Singers were wished a successful and safe journey by President Elkins. The President and the Conductor of the Singers, Rose Marie Grentzer, are shown here prior to embarkation. For the Singers' itinerary, turn to Page 19. Other features of interest include the one concerning the University's annual report which will give the alumni reader some feeling of the size and mission of their school. The reader might also check the photo album on pages 14 and 15—best evidence that Spring has arrived!

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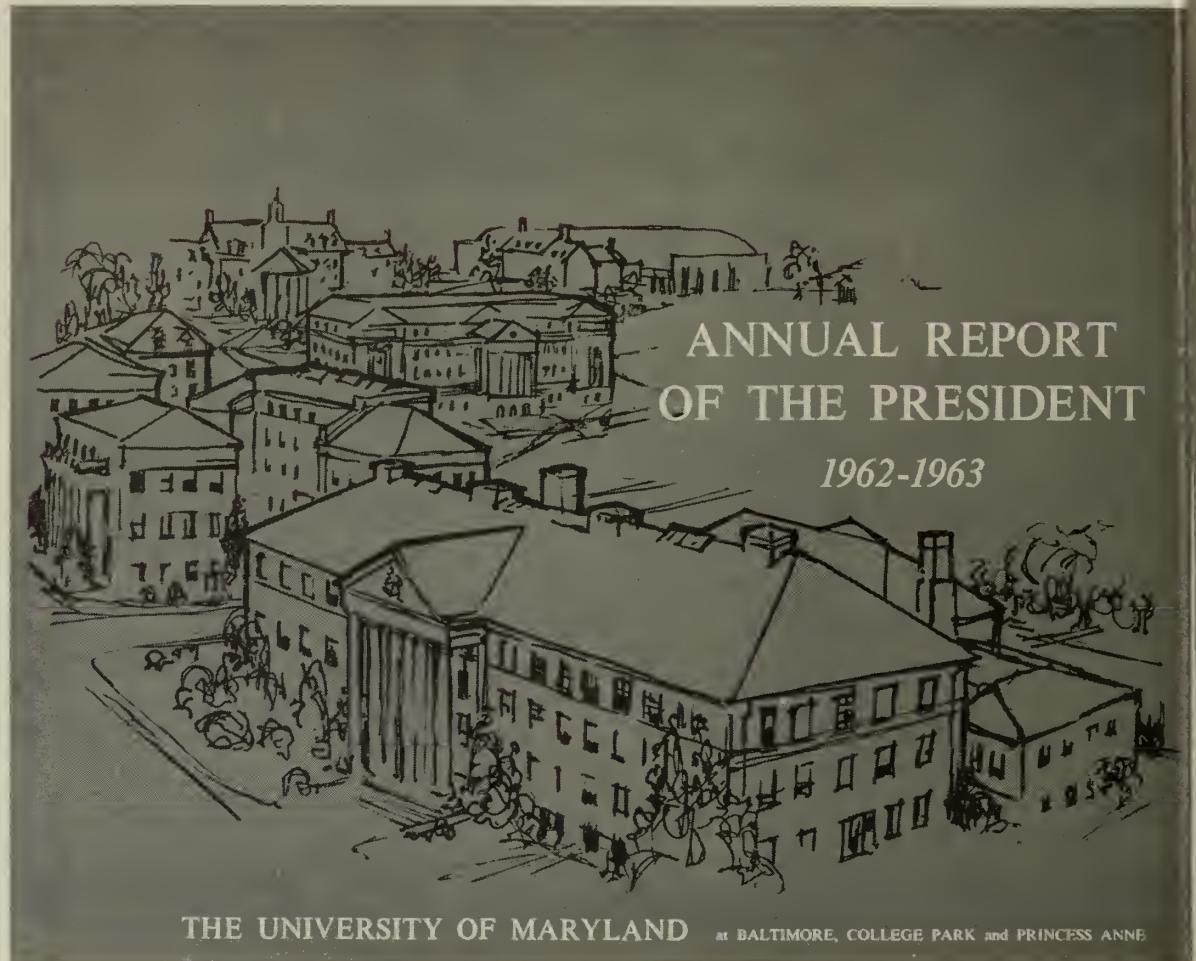
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HIGHLIGHTS of the



THE UNIVERSITY OF MARYLAND at BALTIMORE, COLLEGE PARK and PRINCESS ANNE

Recording the major events of the year in which the University became the 12th largest university system in the nation.

During the past five years (1957-1962), the instructional program at College Park has increased . . . well above the national average. . . . In the fall of 1963, the enrollment at College Park increased by 2,260 students, which was approximately 1,000 more than were projected on the basis of all known factors. . . . Now, we face a substantial rise in the number of high school graduates which will continue for several years. . . . This . . . presents an awesome prospect for the University.

FROM THE PRESIDENT'S LETTER OF TRANSMITTAL TO THE GOVERNOR AND MEMBERS OF THE GENERAL ASSEMBLY

The Enrollment Crisis is Here

THE ENROLLMENT CRISIS OF THE SIXTIES IS HERE—now! Emerging from many sections of this report are facts and statistics which clearly indicate that the long-heralded tidal wave of eligible college students is a *present reality*, not a distant projection on an enrollment chart.

This emergency suggests a need for the priority attention of responsible University educators, lawmakers and public officials to provide prompt solutions to meet the vastly expanded requirements of Maryland's new college-age population no later than 1966.

Solutions which may help by 1970 are simply not adequate if the State (including the University) is to keep faith with thousands of Free State families whose youngsters will be ready for higher education beginning now and carrying through the years ahead.

During 1963, conforming to legislation passed by the last General Assembly, the University of Maryland developed plans for a branch campus to serve Baltimore County and Baltimore City on State-owned land transferred to it by the Board of Public Works. Even the most rapid implementation of this campus by the 1964 General Assembly still means that students can not be accommodated there *until September, 1966*.

Any delay postpones the opening date in time units of one year, during a period when 40,000 youth will be graduating annually from Maryland high schools.

This is the measure of the urgent problem which now confronts the State.

Highlight quotations from this Annual Report follow: "During the past five years (1957-1962), the instructional program at College Park has increased . . . well above the national average. . . . In the fall of 1963, the enrollment at College Park increased by 2,260 students, which was approximately 1,000 more than were projected on the basis of all known factors. . . . Now, we face a substantial rise in the number of high school graduates which will continue for several years. . . . This . . . presents an awesome prospect for the University."

"The University of Maryland registered during the regular (1962-63) academic year 39 percent of all full-time undergraduates, and 57 percent of all graduate students enrolled throughout the State. . . . exclusive of the United States Naval Academy."

—SECTION ON INSTRUCTION

"The University of Maryland is listed as the 12th largest university system (1962) in the nation (by the U. S. Office of Education). . . . in 1956, the University ranked 21st. "It is interesting to note that the large majority of those institutions listed in the top eleven have multiple branches or centers of the parent institution."

—SECTION ON ADMINISTRATION

"The constant increase in enrollment places demands on library service equally as great as the demands on the instructional program."

—SECTION ON LIBRARIES

"In the current national atmosphere of constant change, there is as much of a knowledge explosion as there is a population explosion. . . . more scientific information has been acquired in the past twenty years than in all previous history."

—SECTION ON RESEARCH

Few enterprises can report a growth equivalent to our 56 percent increase in enrollment in the past five-year period . . . even with this growth, however, more than 400 students had to be placed on a dormitory waiting list (which size) exceeds the *total* enrollment of many of our smaller colleges throughout the United States."

—SECTION ON STUDENT SERVICES

"During the past two years, a re-orientation of Extension programs has been undertaken to serve the changing audiences which Extension should reach . . . bringing Extension education to the farms, homes, industries and organizations of the entire State."

—SECTION ON THE COOPERATIVE EXTENSION SERVICE

"During 1962-63 . . . a survey of all sheep flocks in the State was carried out, with the cooperation of County extension personnel, practicing veterinarians and regulatory officials to determine the presence of sheep seabies. Only a few cases were found. After their proper treatment, Maryland was declared a seab-free state by the Secretary of Agriculture of the United States.

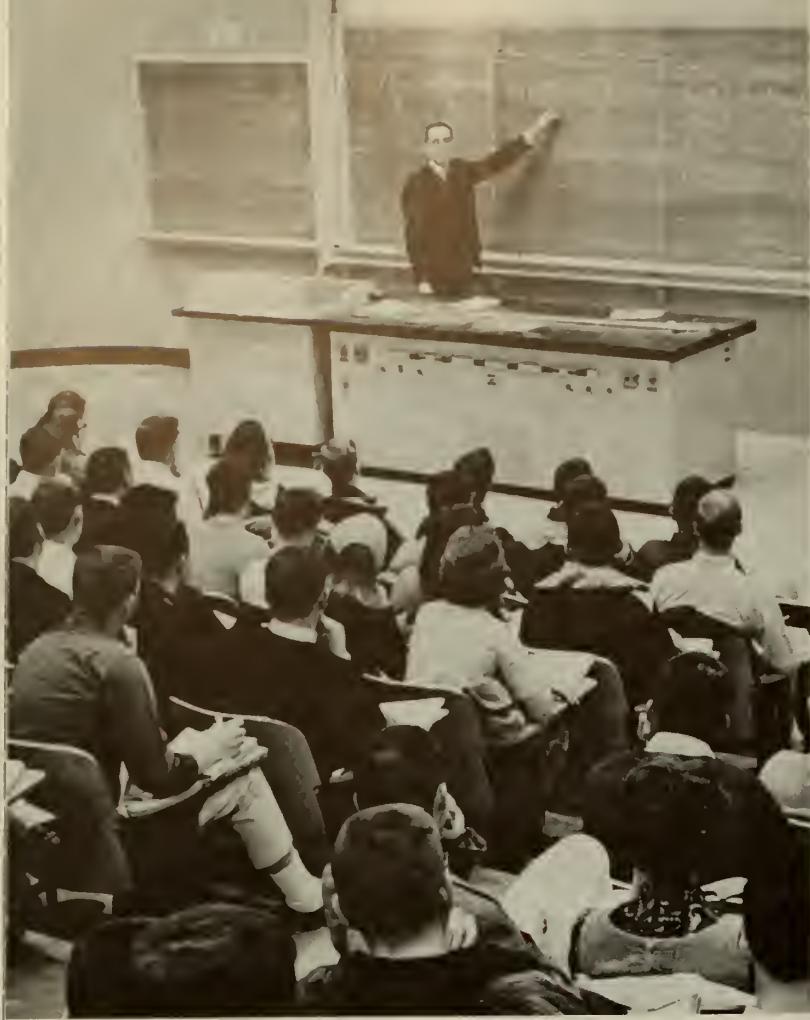
—SECTION ON PUBLIC SERVICES

"The University can point to significant accomplishments by the Department of Physical Plant (whose combined responsibilities at College Park and Baltimore represent the largest requirement for facility maintenance of any State-supported installation in Maryland). In each instance, the tasks have been achieved with substantially fewer personnel than are utilized by other institutions for similar functions."

—SECTION ON THE PHYSICAL PLANT

"Maryland has participated actively with 15 other southern states in the programs of the Southern Regional Education Board . . . working together to promote greater effectiveness in programs of higher education, and to improve the economy of the region."

—SECTION ON GENERAL EXPENSES



I. Instruction

THE DAY-TIME INSTRUCTIONAL PROGRAM AT COLLEGE Park increased ten percent in 1962-1963 over the preceding year. Measured over a five-year span the growth amounted to 56 percent. The largest absolute increases occurred in the College of Arts and Sciences and in the College of Education.

Specifically, the enrollment of full-time, part-time, undergraduate and graduate students at College Park and Baltimore numbered 20,088. Undergraduates at College Park constituted 14,736 and the Baltimore schools enrolled 1,515 as full-time students. There were 5,723 graduate students at all centers. The overseas, self-supporting program reported 40,069 enrollees. The 1963 summer session accommodated 5,881. Viewed in terms of the total higher education effort in the State, the University of Maryland registered during the regular academic year 39 percent of all full-time undergraduates enrolled throughout the State in two-year colleges, four-year colleges, and universities, private and public, exclusive of the United States Naval Academy. At the graduate level, the University accounted for 57 percent of the enrollments in the State.

The post-war population explosion becomes a college entrance reality in the fall of 1964, followed by an even greater increase in 1965. The challenge now upon us is how to use the highest level teaching talent in an optimal manner. Our effort has been to maintain relatively small classes (30-33 students) in areas such as beginning English, in laboratories, and in discussion groups. Senior faculty members cover the basic instruction in large lecture sections of beginning history, chemistry, botany and the like and then supervise the less experienced junior instructors who are responsible for discussion sections and laboratories. Freshman and sophomore students at the University of Maryland do come under the tutelage of our most capable senior faculty members. Students who are sufficiently mature to accept learning as a personal responsibility prosper in a setting of this nature.

Our School of Social Work deserves special mention. The first class entered this two-year program in September, 1961, and the first degrees were granted in June, 1963. The School was accredited by its national accrediting society, the Council on Social Work Education, on May 28, 1963. Hence the initial graduates had the advantage of being graduated from an accredited institution. Even though it is the newest School to be associated with the University, it has had a very favorable influence on the welfare agencies of the State and it has obtained significant training grants in the areas of psychiatric social work and neighborhood social work.

Much time, effort and persuasion are devoted to retaining key faculty members and in recruiting new persons of great promise. We must strive to improve our competitive position. Otherwise the qualitative gains which have been made can be greatly diminished in a very brief period. We are making every effort to refine the instructional program and to retain our key faculty members.

II. Research

IN THE CURRENT NATIONAL ATMOSPHERE OF CONSTANT change, there is as much of a knowledge explosion as there is a population explosion. The demand for new knowledge and new facts has placed requirements on universities to a greater degree than any requirements experienced in former eras. Ours is an age typified by constant innovation and new invention. Change must occur in order that we may progress; and without progress our survival may be at stake.

More scientific information has been acquired in the past twenty years than in all previous history, yet doctorates still cannot be mass-produced. A decade is required to double the output. The University of Maryland increased its production from 46 in 1951 to 110 in 1963, representing more than two dozen areas of study in agriculture, engineering, natural resources, the physical sciences, the biological sciences, the social sciences, the humanities, and the fine arts.

As student enrollments have expanded, research has kept pace, increasing with equal rapidity to the increases in the instructional programs. Over 60 percent of the University's organized research of an estimated \$11 million in 1962-63 was supported by U. S. Government agencies. Of 464 University research programs under Federal grants and contracts, 282 were conducted at College Park and 182 at Baltimore.

The Agricultural Experiment Station has made significantly important contributions during the past year to the economy of the State and the nation. Two examples may be cited. First, two new varieties of tobacco have proved to be completely disease-resistant in black shank infested soils. Even more important, the two varieties have competed well in quality with other Maryland tobacco varieties and have been accepted by buyers at high average prices. Secondly, through a newly-developed insecticide, it is now possible to control completely the looper insect which has been widely troublesome to certain vegetable crops. More important, the spray has proved capable of controlling the insect without introducing chemical residues to the crops.

The use of computer systems has established a nationwide trend in research which is proving to be revolutionary. In 1962, the University's Computer Science Center was established in its new and permanent building on the College Park campus. It possesses the triple function of providing computing service and programming assistance to all academic activities, administering an educational program for the various sciences, and conducting research programs in computer and computer related sciences.

Many instances could be listed of both honors and recognition which have come to the University and to its scholars. The following represent but a few:

- The Maryland Academy of Sciences award for the "Outstanding Young Scientist of 1963."
- The Washington Academy of Sciences award for the "Outstanding Mathematical Scientist of 1963."
- The William A. Dunning Prize in American History for the best book published in 1962.
- The Mead Corporation Painting-of-the-Year Prize.
- The Poultry Science Research Award for the outstanding publication by a junior scientist appearing in *Poultry Science* in 1962.
- The Washington Academy of Sciences Award for the "Outstanding Physical Scientist of 1963."





III. Extension Education

FARM PROBLEMS AFFECT NON-FARM RESIDENTS AND urban problems affect farm operators. Interdependence of the two groups is becoming increasingly important to the total economy. Consumer demands for new and improved agricultural products have led to sweeping modifications in the "business of agriculture." Services in food preparation, formerly accomplished in the home kitchen, are now to a large extent being performed by the marketing services. Efficiency has become a key to survival in a competitive economy.

During the past two years, Extension workers have cooperated closely with food processors in establishing methods which improve the quality of products.

Plant pests—diseases and insects—were controlled by safe methods demonstrated by Extension workers after extensive research had disclosed the proper methods. Close working relations between county Extension Agents and producers resulted in better control of pests and higher quality food for consumers.

The Extension 4-H and Youth program have been expanded to include programs and activities of merit for youth in urban areas. No longer is it essential that a member have at his disposal a farm where he or she can pursue a production-oriented project. Girls learn more of home management, clothing design and the basics of family living. Leadership of the kind necessary in today's society is developed through special educational courses, projects and training meetings. Purposeful camping opportunities were made available to all 4-H members in every county for the first time in 1963.

Homemakers are provided with up-to-date information pertaining to human nutrition, home management, clothing, furnishings, family life and community improvement. Today's problems of the rural homemaker are similar to those of the urban dweller.

An active part of Extension Education is that of Fire Service Extension headquartered at College Park. This association aids in the organization of training courses for volunteer fire departments throughout the State. The State may be justly proud of the national reputation which has come to the volunteer fire work in Maryland. This may be seen by the 13 percent reduction in fire insurance rates during the past five years, in addition to a premium rate reduction of 20 percent last year for homeowner policies in Maryland. These decreases for Maryland residents occurred at the same time that an overall-average increase has been applied to fire insurance premiums for other states.

IV. Student Services

A UNIVERSITY EDUCATION TAKES PLACE BOTH IN AND out of class. The student services program at the University tries to complement the classroom to make the University setting a total climate for learning. Students develop new understandings and appreciations through the opportunities for cultural pursuits and avocations made available to them. The objective of this program is two-fold:

The key objective of this program is to maintain the intimacy of inter-personal relationships which characterize a smaller college, and yet capitalize upon the resources that are those of a great State University. An illustration of the dilemma these two goals pose may be found in the

orientation for entering Freshmen. In this program, students are introduced to the academic community during the summer prior to registration, in groups of 20 to 25. All evidence indicates that this approach instead of the mass assembly provides the student with a closer identification with the purposes and goals of the University. This year 3,000 students participated in this two-day program. Two thousand participated a year ago.

It is sometimes difficult to think of a University as a complex and highly concentrated city. Yet 7,200 students reside on campus and in the community. Few enterprises can report a growth equivalent to our 56 percent increase during the past five-year period. Yet this is the case for our residential population.

V. Libraries

THE UNIVERSITY'S ROLE IN EDUCATION AND RESEARCH continues to expand; the Library not only must keep pace with this expansion but must also anticipate it.

Demands for library service continue to increase. The loan service during 1962-63 was over 15 percent greater than during 1961-62; the number of reference questions increased, during the same period, by nearly 20 percent; and attendance in the McKeldin Library reading rooms increased by nearly 40 percent. Such increases in activity reflect changes not only in enrollment but also in patterns of teaching, study, and research. To meet the growing needs of students and faculty, the Library's collections continue to expand at a rapid rate; this expansion must continue, with the Library purchasing not only the new books which reflect the latest findings of scholars, but also the older books of continuing value not now in stock.

Although the University experienced an increase of 2,260 students enrolled on the College Park campus in the fall of 1963, greater increases may be anticipated in the years ahead. The constant increase in enrollment places demands on library service equally as great as the demands in the instructional programs. The expansion of the Library's collections in the last few years has proceeded at a faster pace than at any time in the history of the University and it is significant to note that this growth has been able to keep pace with increased enrollments.

VI. Public Services

THERE ARE MANY PUBLIC SERVICES PERFORMED BY the University of Maryland and the State Board of Agriculture.

Animal Disease Control and Eradication is of economic importance to producers and is also related to public health. Diagnostic laboratories are operated at Salisbury, Denton, Centreville, Bel Air, College Park, Frederick, Hagerstown and Oakland by staff members of the Livestock Sanitary Service.

A survey and inspection of all sheep flocks in the State was carried out, with the cooperation of County Extension personnel, practicing veterinarians and regulatory officials to determine the presence of sheep scabies. Only a few cases were found. After their proper treatment, Maryland was declared a scab-free State by the Secretary of the U. S. Department of Agriculture.

Twenty Maryland egg producers have been approved to market top quality eggs produced in the State as Maryland Fresh Eggs, as provided for in the Maryland Fresh Eggs Law.





A total of 414 communities in 15 counties participated in the Mosquito Control Program. This was an increase of 54 communities over the previous year. In temporary work more than 639,400 gallons of spray and larviciding mixtures were used. In permanent mosquito control work, 733,469 linear feet (more than 138 miles) of ditch were cleaned or dug.

VII. Auxiliary Enterprises

IN ADDITION TO THE TWELVE PROGRAMS AT THE university which are provided for in the regular Legislative Budget, there are a number of educational services which operate under Dedicated Funds.

The following activities are typical of the components of this program.

LABORATORY MAINTENANCE FUNDS.

DAIRY MANUFACTURING LABORATORY.

UNIVERSITY COLLEGE.

WIND TUNNEL.

SUMMER SCHOOL.

STATE INSPECTION SERVICE.

SELF-LIQUIDATING CONSTRUCTION PROGRAM.

RESIDENCE AND DINING HALLS.

The University continues to increase the scope and use of Dedicated Funds. During the past four years alone, total dollar value of Dedicated Fund programs has increased more than 80 percent.

VIII. General Expenses

IN ORDER TO PROMOTE A GREATER OVERALL ECONOMY in educational endeavor and to prevent expensive duplication of professional facilities, the State of Maryland has participated actively with 15 other southern states in the programs of the Southern Regional Education Board. Through the SREB, member states work together to promote greater effectiveness in programs of higher education, and to improve the economy of the region.

General expenses also cover other costs which do not relate to any specific division of the University. Included in this category are endowment and development, information services, and the publication of catalogs announcing academic programs.

IX. University Hospital

THE HOSPITAL HAS INCREASED ITS SERVICES STEADILY over the past ten years. Its growth is related to a better utilization of facilities and better management of resources and personnel rather than an increase in total space available. Recently, new programs have been added in educational activities associated with a Cardio-Vascular Laboratory, a Child Inpatient Service in Psychiatry, a Clinical Study Center, a Shock-Trauma Unit, and an Adult Rehabilitation Unit.

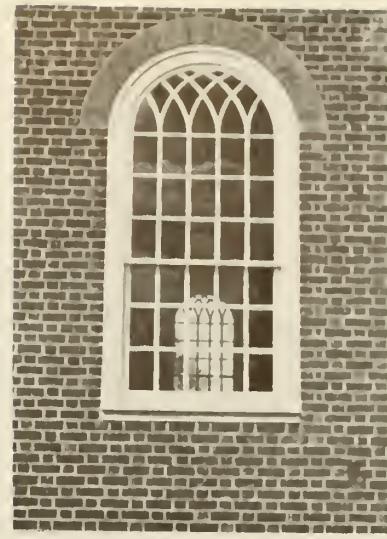
There has been an ever increasing load of students utilizing facilities in the University Hospital. During the past year there was a 28 percent increase in the entering class in Medicine. Constant increases are being reflected in Nursing programs. The five-year Pharmacy program now in effect also makes increased demands for Hospital services.

X. Administration

BASED ON DATA DEVELOPED FOR 1962 BY THE OFFICE of Education, U. S. Department of Health, Education and Welfare, the University of Maryland is listed as the twelfth largest university system in the nation. It is significant to note that in 1956, the University ranked twenty-first nationwide. While institutions of higher education are increasing in size throughout the nation, the above figures provide evidence that the University of Maryland has grown at a more rapid rate than others. It is also interesting to note that the large majority of those institutions listed in the top eleven have multiple branches or centers of the parent institution.

While experiencing an increase of 56 percent in enrollment during the past five years, the increase in authorized positions for Administration has been less than 19 percent.

In the area of facilities, the first stage of the Student Union addition has been completed. A new dining hall and women's residence unit was occupied this fall. Through the expanded Student Union, commuting students are being served better than ever before. One room which has been designated as a foreign language center has drawn national interest. In this lounge are periodicals in a variety of foreign tongues. Only languages other than English may be spoken in the room.



XI. Physical Plant

THE COMBINED DEPARTMENTS OF PHYSICAL PLANT AT College Park and Baltimore represent the largest requirement for facility maintenance of any State-supported installation in Maryland.

The Physical Plant is responsible for the maintenance of more than four million gross square feet of building space in College Park and an additional 799,000 square feet at Baltimore. These represent total investments of \$134,-300,000 at current replacement costs: \$103,000,000 at College Park, and \$31,300,000 in Baltimore.

XII. Maryland State College

MARYLAND STATE COLLEGE, A DIVISION OF THE University located at Princess Anne in Somerset County, has for many years sponsored a comprehensive program of higher education intended to serve especially the youth of the Eastern Shore area, as well as students located in other geographic regions of the State.

Known throughout the Maryland community as "The People's College," this institution, in the true spirit of the Land-Grant College Act and subsequent acts, offers curricula in agriculture, mechanic arts, arts and sciences, home economics, and Air Force Reserve Officers Training. In addition to these basic curricula, the following cultural events are sponsored: music, radio and television programs; art exhibits and special speakers who come from all corners of the United States and from abroad.

During the year 1962-63 a new dormitory for 106 women was occupied, giving housing relief to a badly overcrowded situation and providing for additional resident students.

The September 1962 enrollment was 519 full-time students.

Inside Maryland Sports

by Bill Dismer, Director of Sports Information

BECAUSE OF LIMITED SEATING CAPACITY, FEWER SPECTATORS watch Maryland's winningest indoor sports team in action, but all Maryland followers know that personable Coach Bill Campbell has another winner in his current swimming team. As these lines were written the tri-champions of the Atlantic Coast Conference last year were undefeated and could move into the ACC meet at Chapel Hill the last three days of this month with a clean record. Ron Squiers, Maryland's all-America diver last year, is co-captain of the squad with Doe Dunphy. Ten other lettermen are on the squad. Campbell can hardly wait for freshman Phil Denkevitz, whom he's tabbed "the fastest thing in water", to become eligible for varsity competition.

Coach Sully Krouse's wrestling team was 2-1-1 after its first four matches and Navy, North Carolina and Duke remain to be faced before the Conference tournament. That tourney, incidentally, will be held right here in Cole Field House on March 6-7. As February began, Krouse's matmen had a string of 57 successive conference victories under their belts.

As expected, Coach Bud Millikan's basketball team was losing a few games here and there, but it was within a game of the .500 mark when exams hit and could surprise any opponent inclined to take its sophomore-dominated team lightly. The Terp quint swept its first three ACC games with Virginia, N.C. State and Clemson only to drop its fourth to South Carolina in a pulsating, overtime game. Had leading scorer Gary Ward been able to play, Maryland might have won the Evansville (Ind.) Christmas Holiday tournament as it lost to Arizona, the eventual champion, by only a 57-54 score in the opening game. The following night Arizona walloped the odds-on favored host Evansville team by 17 points.

Millikan's sophs were justifying his faith in them by holding the first six positions in the team's scoring column. Ward, the 6-5 forward from nearby DeMatha, was the only one in double figures with a 15.7 average, but Rick Wise of Wilmington, Del., George Suder of Aliquippa, Pa., Jackie Clark and Neil Brayton from Beverly and Youngstown, Ohio, and Mike DeCosmo from Camden, N.J. were closely-bunched. All had scored over 100 points after the first 15 games.

Just as encouraging to the overall basketball picture has been the development of the freshman team under Coach Frank Fellows which ran through its first eight games without a loss. Jay McMillen, a 6-7, 215-pounder from Mansfield, Pa., was pacing the scorers with a 23.1 average with Joe Harrington, 6-5 of Phippsburg, Maine, close behind with 19.2. Others who should be of help to the varsity next year are Paul Hauser, Dan Brotman and Gary Williams, all of whom were averaging in double figures.

Incidentally, Kansas—reestablishing its role as a Midwest court power, is on Maryland's home basketball schedule next season.

A look ahead . . .

Hard to believe, but spring sports will be getting under way in just about a month's time. Coach Doyle Royal's tennis team will be the first to see competition with two matches at Clemson and South Carolina starting the schedule March 20-21.

Lacrosse, a sport in which Maryland has to bow to none, will be under the head coaching of another of Maryland's greatest stars of yesteryear, Al Heagy, when it opens its 14-game schedule March 24. Games with Navy and the Maryland Lacrosse Club feature a 10-game home card with the stickmen slated to visit Penn State, Army, Virginia and Johns Hopkins. Jack Faber, who coached the sport for 36 years, now is Chairman of Maryland's Athletic Council. Heagy shared the coaching duties with Dr. Faber for 33 years before assuming sole responsibility this spring.

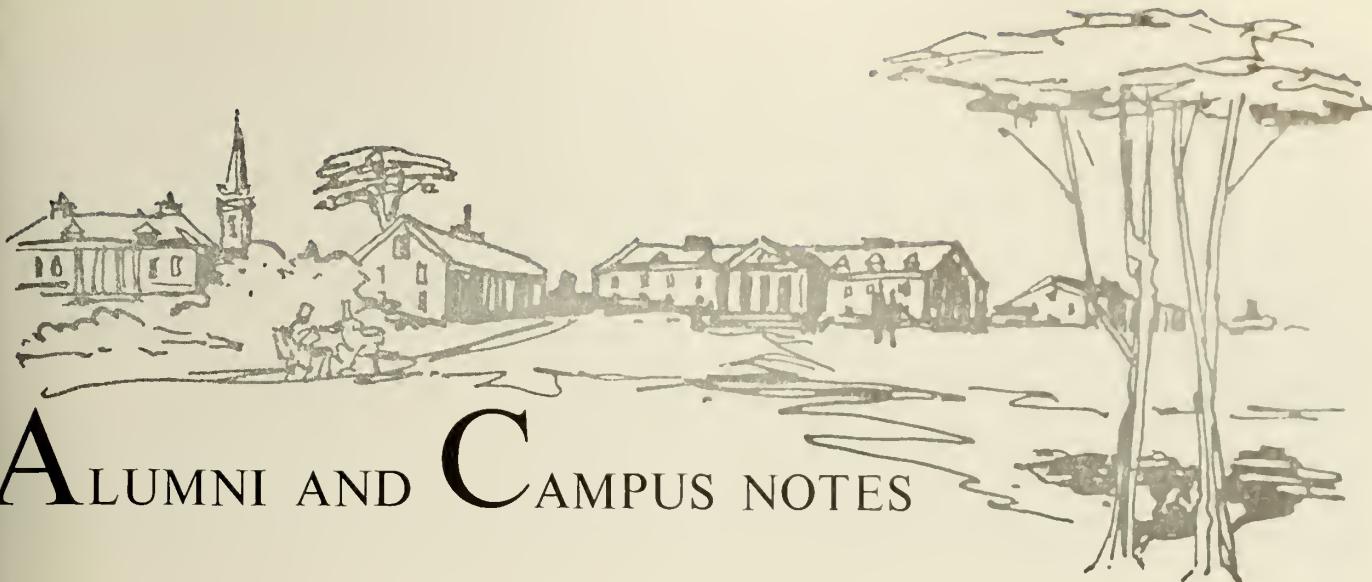


Coach Jack Jackson's baseball team, like the tennisers, will open its schedule on the road, playing two games at South Carolina March 27 and 28 before moving over to Clemson for games on the 30th and 31st. Ten games are scheduled for Shipley Field including games with the five other ACC rivals, George Washington, Georgetown, Syracuse, West Virginia and Yale.

The golf team, under Coach Frank Gronin, also the major domo of our fine course across University Boulevard, doesn't start until March 30 when it meets Dartmouth here. Five of the 12 matches are scheduled for Maryland's home course. The season concludes with the ACC tournament at Columbia, S.C.

Coach Jim Kehoe's track team will start the outdoor season in the South Carolina Relays on April 4. Duke, North Carolina and Navy will be met in dual meets while the thin-clads also will take part in the Penn Relays at Philadelphia. Kehoe & Co. also will play host to the ACC meet here in Byrd Stadium May 7-8.

As this column was being written, the world champion Boston Celtics were due at the Cole Field House, February 6 for a NBA league game with the Baltimore Bullets. The contest was under the sponsorship of the M Club. On February 8, the M Club was to meet to elect their new officers, sit down to a buffet supper and then watch the Maryland-Duke game in the Field House.



ALUMNI AND CAMPUS NOTES

UNIVERSITY CALENDAR OF ACTIVITIES

FEBRUARY

- 10 Spring Semester Begins
- 10 Swimming, Wake Forest, Away
- 11 Swimming, Duke, Away
- 13 Track, N.Y. Athletic Club, Away
- 14 Basketball, Wake Forest, Home
- 15 Wrestling, Navy, Away
- 15 Track, Navy, Away
- 15 Swimming, Washington & Lee, Home
- 18 Basketball, North Carolina, Home
- 21 Swimming, North Carolina, Home
- 22 Track, National A.A.U., New York
- 22 Wrestling, North Carolina, Home

- 22 Basketball, Duke, Away
- 25-March 1 "The Beaux' Strategem," University Theater
- 25 Basketball, Georgetown, Home
- 27 Track, N.Y.K.C., New York
- 27, 28, 29 Swimming, A.C.C., Chapel Hill, N. C.
- 28 Basketball, Clemson, Away
- 29 Wrestling, Duke, Home
- 29 Track, All-Eastern Games, Baltimore

MARCH

- 5-7 Basketball, A.C.C. Tournaments, Raleigh, N.C.

- 6-7 Wrestling, N.C.A.A. Tournaments, Ithaca, N.Y.
- 7 Track, I.C.4A., New York
- 18-21 An Evening of Modern Dance, University Theater
- 21 Easter Recess Begins
- 31 Easter Recess Ends

APRIL

- 21-26 "Picnic," University Theater

MAY

- 13 AFROTC Day
- 28 Pre-Examination Study Day
- 29-June 5 Spring Semester Examinations
- 31 Baccalaureate

New Major Appointments

A Dean of the College of Arts and Sciences, Head of the Department of Botany, and Director of Alumni Relations are among recent major appointments made to the faculty and staff of the University.

Dr. Charles F. Manning, a member of the University faculty since 1946 and Acting Dean of the College of Arts and Sciences since 1962, succeeds Dr. Leon Smith who has retired.

Dr. Robert W. Krauss, Professor of Plant Physiology in the College of Agriculture and an authority on algal culture, has been named Head of the Department of Botany. He succeeds Dr. Ronald M. Bamford, Dean of the Graduate School.

John L. Schutz, a graduate of the College of Agriculture, is the new Director of Alumni Relations. He succeeds David L. Brigham who resigned in June, 1963.

Other major appointments include: Dr. Donald M. McCorkle, Director,

Editor-in-chief of the Moravian Music Foundation and well-known author, as Professor of Music; Dr. Charles E. Barr, of the Medical College of Virginia School of Dentistry, as Coordinator for the Clinical Services and Associate Professor of Oral Medicine at the School of Dentistry; and Dr. Ted S. Y. Koo, University of Washington Research Associate Professor, as Research Professor of Fisheries of the Maryland Natural Resources Institute.

At the same time, Dr. Raymond Morgan, former Head of the Department of Physics, was named Professor Emeritus of Physics. Dr. Morgan, who joined the staff of the University in 1942, retired last year. In addition to supervising a research program in gaseous electronics at the time of his retirement, he had long been teaching the basic course in physics.

Dean Manning, a graduate of Tufts College, Harvard University and the University of North Carolina, came to the University in 1946 as an Assistant Professor of English. Previously a faculty member of Colby College and

Centre College of Kentucky, he was promoted to Associate Professor and Assistant Dean in 1950, and Associate Dean in 1959. He served as Departmental Chairman of freshman English from 1947 until 1949.

Dr. Krauss, who holds degrees from Oberlin College, University of Hawaii and the University of Maryland, was awarded the biology achievement award by the Washington Academy of Sciences in 1961. A consultant to the U. S. Air Force School of Aviation Medicine, he is the author of numerous articles in the field of plant physiology.

Schutz, an alumnus of the College of Agriculture, is a colonel in the U. S. Army currently assigned to the National Security Agency. The holder of numerous meritorious awards, including the Legion of Merit, he entered the service in 1940. While a student at College Park, he was a member of the varsity track team, president of Omicron Delta Kappa, honorary fraternity, and Sigma Nu, social fraternity and manager of the basketball team. He will assume his new duties on July 1.

Alumnus Edits New Book

W. A. Douglas Jackson, Ph.D., BPA, '53, Professor of Geography and Assistant Director of the Far Eastern and Russian Institute at the University of Washington, Seattle, is the Editor of a book of readings which comprise a new book in the field of contemporary geographical thinking.

Entitled *Politics and Geographic Relationships*, and published in June, 1963, by Prentice-Hall Inc., the book presents structural concepts underlying the phenomena and the motivations which dictate man's organization of both himself and the surface of the earth.

The focus of the book is the political-territorial unit, or the state. The readings present discussions of the nature of the state and its characteristics and functions, with particular emphasis on the makings of a people or the creation of a nation, followed by examinations of the problems of boundaries and frontiers, core areas and capital cities, doctrines of government and bases of economics and technology. A large section of the book deals with an examination of problems confronting underdeveloped states and newly emerging nations, and it closes with a detailed investigation of power and strategy on the international scene.

Among the contributing authors are George Santayana, Gunnar Myrdal and Karl W. Deutsch.

Physics, Astronomy Units are Under Construction

Construction has been started on three new buildings here to meet the needs of the University of Maryland Department of Physics and Astronomy.

The largest is a \$1.6 million addition to the present physics building which will include underground provisions for the first stage of a cyclotron installation. The new addition will consist of classrooms, instructional laboratories, research laboratories, faculty offices, miscellaneous facilities and a machine shop.

Two smaller laboratory installations are being built at a cost of about \$55,000 and will be located on the western side of the campus. These will include a small astronomical observatory and a facility for experimental studies of general relativity.

Opportunities for Alumni in the Peace Corps

The Peace Corps estimates that it will require at least 9,000 volunteers to meet the requests of host country governments in 1964.

These needs include: 5,000 teachers, 2,000 community development workers,

700 health workers, 600 agricultural technicians and 700 skilled tradesmen, technicians and professional personnel.

The greatest demand is for teachers—3,000 for secondary schools, 1,000 for elementary and 500 for colleges and universities. An additional 500 volunteers are needed for the fields of physical, vocational and adult education.

In the field of health, 500 nurses of all kinds are needed. Another 200 persons will fill posts as medical, laboratory and X-ray technicians, doctors, dentists, sanitarians, etc.

Applicants are advised to submit an early application if they want to be considered for either a February or June appointment. An application form may be secured from the Peace Corps, Division of Recruiting, Washington, D. C. 20525. Special literature will be sent to those indicating the particular area of their skill and when they would probably be available.

Alumni

Spring

Reunion

May 16

2 p.m.

College

Park

Some Recent Grants to the University

For support of research at the Clark Lake Radio Observatory.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF PHYSICS AND ASTRONOMY

\$72,800.

*

For construction of a center in Baltimore for the study of shock and trauma.

NATIONAL INSTITUTES OF HEALTH TO THE UNIVERSITY

\$800,000.

*

For support of an in-service institute in physics for secondary school teachers of science.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF PHYSICS AND ASTRONOMY

\$17,520.

*

For research on singular partial differential equations and eigenvalue problems.

NATIONAL SCIENCE FOUNDATION TO INSTITUTE OF FLUID DYNAMICS AND APPLIED MATHEMATICS

\$1,750.

*

For research on atmospheric parameters of cepheid variables.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF PHYSICS AND ASTRONOMY

\$7,500.

*

For research on dynamics of astrophysical plasmas.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION TO INSTITUTE FOR FLUID DYNAMICS AND APPLIED MATHEMATICS

\$97,622.

*

For support of an undergraduate instructional scientific equipment program.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF CHEMISTRY

\$17,500.

*

For a conference on space communications.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION TO UNIVERSITY COLLEGE

\$6,036.

*

For study of phycophysiology in controlled environments.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION TO DEPARTMENT OF BOTANY

\$99,250.

*



Law Alumni are Admitted to Practice before the Supreme Court

Twenty-eight graduates of the School of Law, Class of 1960, were admitted to practice before the United States Supreme Court on January 20. The lawyers, all members of the Maryland Bar, were welcomed by Chief Justice Warren.

The Chief Justice said it is not often that so many graduates of one law school are admitted to practice before the high court in a single day. "On behalf of the Court," he said, "I want to welcome you to the bar of this Court."

The lawyers were presented for admission by the Maryland Attorney General Thomas B. Finan. Also sworn in at the same time were Eugene A. Edgett, Jr., Class of 1951, and Michael Paul Yuhasz, a graduate of the University of Baltimore.

SEATED, LEFT TO RIGHT: Mrs. Barbara Day Nall, New York; Maryland Attorney General Thomas B. Finan; Forrest Johnston Prettyman, Rockville.

STANDING, LEFT TO RIGHT: Brian Randolph Williford, Hyattsville; A. Douglas Owens, Baltimore; David B. Rudow, Baltimore; Julian R. Manelli, Baltimore; Robert Franklyn Collins, Baltimore; William M. Lenek, Oxon Hill; Vincent J. Leahy, Jr., Baltimore; George Louis Huber, Jr., Baltimore; Stanley Simon Cohen, Baltimore; Thomas E. Kelly, Jr., Baltimore; Michael Paul Yuhasz, Baltimore; Eugene Philip Kraeh, Baltimore; Charlie E. Hagwood, Baltimore; Harry Edward Silverwood, Jr., Baltimore; Andrew Joseph Burns, Baltimore; Julian B. Stevens, Jr., Annapolis; Benjamin H. Murray, Baltimore; James Franklin Garrity, Baltimore; Alva Palmer Weaver, III, Baltimore; Richard C. Whiteford, Baltimore; William Ashby Agee, Baltimore; James Arthur Cole, Baltimore; Edward L. Blanton, Jr., Baltimore; Benjamin Notes Dorman, Baltimore; and Howard J. Needle, Baltimore.

NOT PICTURED: Eugene A. Edgett, Jr., Eugene H. Schreiber and James B. Stradtner, all of Baltimore.

FOR SUMMER AND FALL, 1964

MARYLAND ADVERTISERS

Please Contact

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Maryland Girls

WHILE WE DO NOT WISH TO DENY THAT GIRLS OF singular beauty cannot be found on other campuses, we do affirm in truth that the fairness of Maryland girls is something different—something special. This much is evident to a casual visitor.

Maryland girls have been well represented in the Miss America Pageant in Atlantic City. Five co-eds have appeared in competition in the past ten years, one of which was a first runner-up. A number of national magazines have selected Maryland girls as campus models. Several girls have been elected as queens of various associations.

While no academic type has yet found a correlation between beauty and scholastic achievement, the elusive quality is no less prized on the college campus.

Beauty is its own excuse for being.

—EMERSON.

And that's exactly how we feel.



ANITA HUSEN, Pledge Queen.



ALESSIA PASSALACQUA, *Military Ball Queen.*



GEORGIA MAYER, *Miss Maryland.*



STEPHANIE FRENCH, *Freshman Queen.*



SUE HAMMOND, *Greek Week Queen.*



University Appoints New Alumni Director

J. LOGAN SCHUTZ, B.S. 1938, M. S. 1940, AGRICULTURE, has been named Director of Alumni Relations, effective July 1. He is currently serving with the National Security Agency at Fort Meade. Col. Schutz will voluntarily retire from the U.S. Army on June 30, 1964.

At Maryland, Col. Schutz was President of Omicron Delta Kappa, honorary fraternity; President of Sigma Nu, social fraternity; and a member of Alpha Zeta, agriculture honorary. He ran the high and low hurdles and was a letterman in track. He was also a member of Scabbard and Blade, the Interfraternity Council and the Student Government Association.

Twenty-four years after leaving the University as a graduate student, Logan Schutz returns to the campus with a young family and a distinguished career in the service of his country. Although his wife, Louise Matthews, attended the University, Logan first met her at Fort Leavenworth, Kansas. They have two boys, Logan (who is a Life Scout), 14, and Fred, 11, and a girl, Marian, 6.

Col. Schutz is a graduate of the Army, Navy Staff College, Infantry School, the Command and General Staff College, the Armed Forces Staff College, and the Army War College.

In 1940, he was commissioned under the Thomason Act and completed company officer duties with the 12th Infantry in Arlington, Virginia, and the 34th Infantry in Fort Jackson, South Carolina. In November, 1941, he became Aide de Camp to General J. D. Patch, who served as Professor of Military Science and Tactics at the University during the period 1936-1938.

During World War II, Col. Schutz served as assistant to the Plans and Operations officer of the 80th Infantry Division at Camp Forrest, Tennessee; was U.S. Aide de Camp to General Sir Henry M. Wilson, Commander-in-Chief of the Mediterranean Theater, headquartered in Algiers and later in Italy; and served as Plans Officers, in the China Theater. Following the war, he instructed at the

Command and General Staff College in Fort Leavenworth, Kansas, was battalion commander in the 3rd Amored Division at Fort Knox, Kentucky, and served with Headquarters Caribbean Command, Quarry Heights, Panama Canal Zone.

From 1952 to 1955, Col. Schutz served in the office of the Inspector General at the Pentagon, and in 1955, he assumed command of the 3rd Battalion, 85th Infantry, Fort Riley, Kansas and moved with that unit to Bamberg, Germany. In March, 1957 he was then transferred, as Plans Officer, to the Seventh U.S. Army Headquarters in Stuttgart, Germany.

In 1957, Col. Schutz helped organize the Overseas Chapter in Germany of the University of Maryland Alumni Association, and served as its first vice president.

Col. Schutz was assigned to Korea in 1959 with the 1st Cavalry Division, as commander of the 1st Battle Group, 8th Calvalry of the 1st Cavalry Division. In this capacity, his responsibilities included providing early warning of any Communist attack on American and South Korean forces, securing his area against line crossers, particularly enemy agents, improving battle positions near the DMZ, and providing for the defense of a vital sector of the Korca front line.

Assigned as Chief of Staff of the XXth U.S. Army Corps, Ft. Hayes, Ohio, in 1960, Col. Schutz was overseer of Army Reserve, ROTC and related active Army activities in Ohio, West Virginia and Kentucky.

In July, 1963, Col. Schutz was assigned to the National Security Agency at Fort Meade, where, aside from his military duties, he also serves as chairman of a Boy Scout Troop and is engaged in a variety of post activities.

The holder of numerous meritorious awards, his military decorations include two Legions of Merit for distinguished wartime service and the Commendation Medal for his command duty in Korea.

LETTER FROM AN ALUMNUS

DEAR SIR:

It was a month ago when I first learned from Dr. C. S. Shaffner, Head of the Department of Poultry Science, that Prof. F. Bridgers, the Foreign Student Advisor, is on a three-month mission with the U.A.R.-U.S.A. Educational Exchange Commission in Egypt. But it was only last week that I had a chance to leave Alexandria and visit Prof. Bridgers at his office in Cairo.

While talking together about the University of Maryland and our friends there, Prof. Bridgers showed me a list of the names of some fifty Egyptian students who have studied or are at present pursuing study in the different fields there. As soon as I finished counting them, unconsciously I exclaimed: "But there were only three of us at first . . ."

This short remark suddenly took me back to the middle forties when the first three Egyptian students, H. H. Hassan, S. Tewfick and I came to College Park to take graduate studies in horticulture and poultry. The human memory is an amazing "apparatus", it can unroll in seconds a story which needs hours if shown on a movie projector; and here is an account of the film-roll which sped through my memory as I remembered the first few months of my five-year stay in America.

Whether inside or outside the campus, there were many new and exciting things for us. Eating ice-cream at the Prince George restaurant while we watched snow falling outside; the detached and arm-rest chairs of the lecture rooms; self-service in cafeterias and grocery stores; the false-and-true, or the multiple-choice quizzes; the hitch-hiking to and from Washington; and several other things. But for people who never in their life walked on snow, this was probably the most wonderful of all events, one which reminds me of the following incident.

It happened 48 hours after our arrival in the States. This was registration day for Spring, 1946. After meeting Dr. Appleman, the former Dean of the Graduate School, and completing our registration, we were told to go and see the Dean of Men for our living accommodations. When we asked where his office was, somebody who apparently had trouble with our very decided Mediterranean accent, wrongly pointed to one of the women residence halls.

Amidst the giggling of a few young girls there, a dignified elderly lady tried to soothe our embarrassment and said: "Well boys, it happens that I am the Dean of Women. I think there was a slight mistake." But we could not get over it until we closed the door on leaving, and as soon as we stood outside, we burst into laughter, and kept laughing while going down the icy stairs in front of the building. Suddenly one of us slipped, and trying to save himself, by holding on to one of us, caused all three of us to slip and tumble down the stairs.

The do-it-yourself system was another experience to which we were not accustomed. In order to adjust ourselves to this American way of life, we needed strong will, and patience. This reminds me of a particular incident.

I had to collect data on the body weights of some thousand turkeys for my M.S. thesis. Sometimes I had to weigh in a single day about two or three hundred turkeys which hatched together and reached a certain age on that particular day. Although I had the kind help of Mr. Dahl, who was in charge of the turkey flock at that time, the job became increasingly tiresome as the turkeys grew and became bigger and stronger. One had to wrestle with each turkey for awhile in order to put it on the scales. Two other factors added more difficulty to the job: the rise in temperature, as summer was approaching, and the fasting . . . every faithful moslem was obliged to observe from dawn to sunset, during the month of Ramadan, which came in June that year.

After observing this religious tradition for seventeen days, I had to give it up as it happened that one of the turkey hatches had to be weighed on that particular day. When I returned to my room in the afternoon, I was completely exhausted. I then decided that doing my job was more important than to experience another 12 days of what the poor suffers when he does not find food.

There were many such stories which were based on one cause in common. It was not very long before we discovered it and realized that we were passing through an experiment of adjustment. Therefore we decided to make it last as short as possible. We came to the conclusion that in order to be able to live and study with Americans, we had to learn how to talk their language, literally and figuratively. Presently we worked hard on our accent, food habits, greetings, and we even changed our home-made suits, shoes and practically everything we brought with us.

It should be added that this adjustment was not singlehanded. In fact our professors and friends contributed to it. On many occasions they directed us, and their orientation was most helpful.

Not only that, but there were times when we felt that they were also going

through a course of adjustment. I remember the way the late Dr. Jull, former Head of the Poultry Department, used to talk to me. He almost completely changed his pronunciation in order to make every syllable and letter clear, especially the r's.

At home, Egyptians shake hands whenever two friends meet. They may do this with the same friend several times whenever they meet, even on the same day. Our American friends started to pick up this way of greeting. While we were training ourselves to their methods, there were moments of confusion when sometimes an American friend stood with his hand extended while we answered, hands-in-pockets: "Hi".

Occasionally we conferred together on the causes of the problems which both sides encountered in meeting and knowing each other. We agreed that cultural differences were the main cause. Isolation, whether complete or partial, was the main responsible factor. Indeed, this conclusion is not speculation. It is a fact which stands firmly on scientific findings. If you mix together history, geography and biology, especially anthropology, genetics and evolution, you will take it for granted that racial and cultural differences among humans are not much different from the phenomenon of speciation in the plant and animal kingdoms.

It is well established that the main causes of variations among plants, or animals are mutations, and isolation. In a similar fashion, they also operate on human morphological traits such as skin color, cranial dimensions, differences in eye color and shape, and other characters. They also operate on differences in culture. Philosophers, prophets, reformers, great scientists, and artists of all kinds, are merely cultural mutations whose cultures were operated upon by different methods of isolation whether in time, or in place. However, we notice that modern methods of transportation, and communication are levelling such differences to a certain extent. It seems that we are approaching a kind of world culture. In my opinion, the best of all means for achieving that is a world-wide policy of students' exchange.

I never forgot what my friend Dr. Henry W. Garren said when he came with his wife and children to say goodbye to us when we left the States. He started by asking: "How do you folks feel on leaving us after these years?", and quickly he answered, "of course America became a second home for you."

That was the exact truth.

DR. HUSSEIN M. EL-IBIARY,
PH.D. AGR. '50
*Professor of Poultry Production,
Faculty of Agriculture,
University of Alexandria, U.A.R.*

BELOW: The Singers as they appeared at their farewell performance at the University. They wore attire which they will wear on their tour.
RIGHT: President Elkins personally wished each member of the student group a successful and safe tour as they embarked at Friendship Airport. Miss Grentzer's flowers were a gift of the President.



University Singers Leave for Mideast-European Tour

AMID THE FLURRY OF HANDSHAKES, WAVES, AND PICture-posing, the University of Maryland Singers departed on February 12 from Friendship Airport to begin a four-month tour of 12 countries, under the sponsorship of the Cultural Presentations Program of the United States Department of State. President Wilson H. Elkins was on hand to bid good-bye to the group.

Directed by Miss Rose Marie Grentzer of the Department of Music, the Singers, composed of 18 University men and women, will present 75 concerts and lecture demonstrations in Greece, Turkey, Iraq, Iran, Egypt, Jordan, Cyprus, Lebanon, Morocco, Tunisia, Great Britain and Ireland. The tour will end in London and Dublin, Ireland, where the Singers will compete in the International Choral Festival in Cork.

The Singers, who specialize in singing and playing Renaissance period music, will also present on this tour popular European music of the 16th and 17th centuries and contemporary American chamber music.

While they vocally harmonize in Latin, English, French, Spanish and German, the Singers give their music the sound of authenticity by accompanying themselves with a lute, which somewhat resembles a modern classical guitar; a rebec, a forerunner of the violin; a recorder, a woodwind instrument; and a harpsichord, used as a solo instrument and for accompaniment during Renaissance and later periods.

Colorful costumes in the style of the period, designed and constructed by students in the College of Home Economics, add a further touch to the performance of the Singers. When they sing Elizabethan music, they wear costumes adapted from Renaissance models, and for presenting modern and period American Choral music, which is the special emphasis of this tour, they wear modern evening clothes.

The Singers got their start five years ago, in Miss Grentzer's class in choral conducting. It was then that the students got a taste of madrigal singing, and wanted to continue. In the beginning, they met informally dur-

ing the noon hour, but later, as special interest intensified, the organization of the singers became more formal and the reputation and demand for performances by the group spread. To date, their engagements in the United States have included University and college concerts; community concerts; local, network television and radio performances; and an impressive round of special invitational appearances. In 1961, the Singers performed for all chiefs of diplomatic missions in Washington, D.C., during the annual dinner for the chiefs given by U.S. Secretary of State and Mrs. Dean Rusk. They also appeared on the program for the 399th birthday celebration for William Shakespeare at Folger Shakespeare Library in 1963.

The Singers are being accompanied on this tour by their assistant director, Stavroula Fanos, instructor in the Department of Music, and by Mr. and Mrs. LaVerne Baldwin. Mr. Baldwin is the State Department escort for the group, who spent many hours before they left impressing upon them the responsibilities of being informal ambassadors of goodwill.

Miss Grentzer considers this tour of the Singers the highest achievement of the group, and shares the belief, with President Elkins, that the Singers ". . . can make a substantial contribution . . . to the welfare of international relations."

The itinerary of the Madrigal tour is as follows: February 14-February 29, Greece (Athens, Piraeus, Mytilini, Patras, Chania, Heraklion, Thessalonike); February 29-March 8, Turkey (Ankara, Izmir, Istanbul); March 8-March 13, Iraq (Baghdad); March 13-March 18, Iran (Tehran, Shiraz); March 18-March 26, United Arab Republic (Cairo); March 26-April 3, Jordan (Jerusalem); April 3-April 12, Cyprus (Nicosia, Farmagusta, Larnaca, Limassol); April 12-April 19, Lebanon (Beirut, Tripoli); April 20-April 29, Morocco (Rabat, Casablanca, Marrakech, Tangier); April 30-May 6, Tunisia (Tunis); May 7-May 13, England (London); May 14-May 18, Scotland (Edinburgh); May 18-May 24, Ireland (Dublin); May 25, depart for United States.



Through The Years

1895-1919

JOHN McMULLEN, M.D. '95, born in Florida, reared in Georgia, was a resident of Washington, D.C. at the time of his death in April of 1963. He was 93. He was an eye surgeon and a specialist in trachoma, having done much notable work in that field, as a doctor in the service of the Public Health Service. During his career with the Public Health Service Dr. McMullen also served with the offices of the Consulate General in London and Hong Kong.

CHARLES FRANKLIN COOPER, M.D. '97, of Perry, Georgia, died in January of 1963 after a brief illness. He practiced medicine for about 15 years, and then became more interested in farming. He was 86 years of age.

ALBERT F. LINSCOTT, D.D.S. 1900, of Marion, Ohio, is still practicing dentistry.

WALTER R. MITCHELL, Engr. '04 of Virginia, died recently.

W.A.S. SOMERVILLE, Engr. '08, who made his home in Frostburg, Maryland, died at his home on December 8, 1963.

ENOS S. STOCKBRIDGE, L.L.B. '10, of Baltimore, Maryland, died in the Fall of 1963. He was prominent in governmental affairs of Baltimore City and the State of Maryland. Not the least among the important positions he had held was his membership on the Board of Regents of the University of Maryland.

CHARLES H. KEESOR, M.D. '11, of 2302 Chapline St., Wheeling, W. Va. has continuously practiced medicine since his graduation from the University of Maryland. He was a member of Theta Kappa Psi Medical Fraternity while in school. He not only served actively in his Medical career, but was intensely interested and active in his church and the Masonic Order.

GEORGE CULLEN BATTLE, M.D. '12, who resided in Columbia, South Carolina, died on March 28, 1963.

JOSEPH ROTTENBERG, M.D. '12, of Detroit, Michigan, passed away on March 2, 1963.

HARRY DEIBEL, M.D. '12, resides in Baltimore, Maryland where he continues in general practice and minor surgery. He previously was state insurance examiner and health officer of Baltimore City. He is a member of the American Medical Association, Baltimore City Medical Society and the Medical and Chirurgical Faculty of the University of Maryland.

ALBERT H. SELLMAN, Engr. '17, lives in Washington, D. C., having retired after more than 42 years in government service with the Bureau of Naval Weapons.

J. L. ("JIM") BRADLEY, A&S '16, has been retired by Koppers Company, Inc., of Pittsburgh, Pennsylvania and is living in Alexandria, Virginia.

JESSIE SINGLETON GUZMAN, Nurs. '18, died October 4, 1963 in Red Springs, North Carolina where she had been living.

LESTER R. MARTIN, Phar. '19 of Cumberland, Maryland passed away during 1963. He was an honorary member of the University of Maryland Pharmacy Alumni.

ARTHUR R. REMSBERG, D.D.S. '19, resides in Frederick, Maryland. He served for six months in 1918 with the armed services. He has been active with the Frederick Lions Club, and several orders of the Masons.

Chester. His business connections included a directorship of The Commercial Bank in Chester. Prior to entering the Medical School at the University of Maryland, Dr. Abell had attended Davidson College where he was a member of Beta Theta Pi. In 1962 Dr. Abell and his wife returned to Baltimore to participate in the Reunion of the Class of 1912.

MARTHA MALLOY LASSAHLN, Nursing '13, continues to reside in Baltimore, Maryland.

RICHARD C. WILLIAMS, A&S '14, of Detroit, Michigan, passed away in August, 1963. He was a native of Doncaster, Maryland, and also held a Master's Degree in '16, in chemistry and bacteriology from George Washington University. He had a long and admirable career with Du Pont Company, with whom he ultimately became national manager of automotive sales of fabrics and finishes.

and captain of the 1926 team. Faber has a 34-year coaching career at his alma mater. He turned out seven national lacrosse champions from 1936 to 1959. He was chosen coach of the year in 1959. He is a native of Highspire, Pennsylvania.

A. B. "BUD" FISHER, Engr. '26, of Pittsburgh, Pennsylvania has retired from Koppers Co., Inc., having reached the position of chief engineer with that firm. He has since taken a position with Jacob Engineering, Inc. in the Pittsburgh area as vice-president of that concern.

EDSON B. OIDS, III, A&S '28, of Chevy Chase, Maryland died on January 4, 1964. He was a native Washingtonian, was elected president of the stock exchange in 1943 and president of the bond club in 1946. He was a partner in the Mackall & Coe investment banking firm. He was a member of several civic organizations, and was a trustee of the Ackland Museum at the University of North Carolina.

ROBERT LEE EVANS, Engr., '29 of Arlington, Virginia, has been promoted to group head in the new General Engineering and Industrial Arts Operation of the U. S. Patent Office.

HILBERT A. NELSON, D.D.S. '30, residing in Amityville, New York, passed away on August 2, 1963.

1920-1929

FRANKLIN MURRAY BENSON, LL.B. '23, of Baltimore, Maryland died on June 14, 1963. He was a Baltimore attorney, civic leader and former city and state official. Among many other appointments, he served as a member of the State Department of Economic Development and the Lexington Market Authority. He was president of the board of managers of the Maryland General Hospital and chairman of the board of trustees of Western Maryland College, which awarded him an honorary degree in 1955.

JOHN M. LESCURE, Agr. '23, residing in Baltimore, is a native of Harrisburg, Pennsylvania. He served as an Infantry Officer with the Army in World War I. He was president of Western Maryland Dairy before it became part of Sealtest's Eastern Division. He became general manager for Sealtest Foods in Baltimore, and retired as of last November after 26 years with that company.

EUGENE McINNIS, LL.B. '23, a native of Oregon, died in Baltimore during 1963. He practiced law for 30 years despite having been blinded by a World War I wound. He was only two semesters away from completing an engineering course at Washington University when he entered the armed forces during which service he was wounded and left completely blind. He was a member of the Delta Theta Phi legal fraternity, an honorary member of the Rotary Club of Portland, Oregon and the past president of the Blind Veterans Association.

JOHN E. FABER, Agr. '26, M.S. '27 and Ph.D. '37, chairman of Maryland's athletic council and head of the University's Department of Microbiology was elected to the Lacrosse Hall of Fame. An all-America lacrosse player in 1927,



Dr. Abell

DR. ROBERT EPHRAIM ABELL, of Chester, South Carolina, president of the class of '12 at the University of Maryland Medical School, died on March 9, 1963. He is survived by his widow, Alice Glenn Abell, by a son Dr. Thomas Abell, of Raymond, New Hampshire, and a daughter, Mrs. Sutherland Brown, of Charlotte, North Carolina, as well as by two sisters and a brother. Dr. Abell attained prominence in his profession in his native state of South Carolina as President of the State Medical Society and as a long-term member of the State Board of Medical Examiners. During World War I, Dr. Abell served in France in the Medical Corps of the Army as a Captain. After the War he became interested in the American Legion and was Commander of the Legion Post in Chester. He was founder of the Chester Sanitorium in 1915 and in 1926 became surgeon of the Pryor Hospital in

1930-1939

JOSEPH D. CALDERA, A&S '31, is a Major General with the USAF, currently Assistant for Mutual Security, Deputy Chief of Staff Systems and Logistics at Headquarters, USAF. He currently received the Legion of Merit (2nd Oak Leaf Cluster) for exceptionally meritorious conduct in the outstanding service to the U.S. from July 1960-June 1963. He is a native of Fairmont, West Virginia. He has been in active service since the Fall of 1932.

MARK SCHWEIZER, M.S. '31, Ph.D. '41, a native of Switzerland, died late in the Fall of 1963. He was a long time member of the Foreign Language Department of the University of Maryland. He received his early education in his native country and came to the United States in 1920, beginning his teaching career at the University in 1929. He was elected a member of Phi Kappa Phi in 1941, and was in charge of the Junior Year of the University in Zurich, Switzerland in 1946-47.

G. CLIFFORD BYRD, Agr. '31, a bacteriologist and Federal employee, died on January 19, 1964. Mr. Byrd invented a heat-treating process for preserving the freshness of seafood and founded and operated a seafood laboratory at Crisfield, Maryland, until joining the National Fisheries Institute in Washington as a technologist in 1954.



JOHN E. MONK, A&S '34, residing in Montgomery County, Maryland, has been elected president of the Bank of Commerce, succeeding Thomas J. Groom. For 28 years he advanced through various departments of the bank and in February, 1961 was elected senior vice president in charge of loans and investment. He is active in the Washington Board of Trade, treasurer of the Rotary Club of Washington and a member of Robert Morris Assoc. He is also a member of Kappa Alpha Fraternity.

CECIL BALL, M.A. '34, of Hyattsville, Maryland, collapsed while talking to a student in his office, and was pronounced dead on arrival at Leland Memorial Hospital in Riverdale. A member of the Maryland faculty since 1932, Mr. Ball taught courses in English literature and linguistics. He also taught at the University's Baltimore campus and on the faculty of its Overseas Program. He was a native of Ditchley, Virginia. He also held a Ph.D. from Johns Hopkins.

OLIN C. MOULTIN, M.D. '34 of Reno, Nevada is presently an EENT specialist. He was LCDR with the United States Navy from January 1943-1946. He is a Diplomate of the American Board of Ophthalmology; and belongs to the AMA, FICS, American Academy of Ophthalmology and Otolaryngology; and the Reno Surgical Society.

DR. FRANK L. HOWARD, A&S, '34, Ph.D., '38, chief of the Pure Substances Section in the Analytical Chemistry Division at the National Bureau of Standards, U. S. Department of Commerce, died of a heart attack October 15, 1963, at the age of 50. An NBS staff member for over 26 years, Dr. Howard was born in Pueblo, Colorado in 1913. He joined the Bureau in 1937, and became leader of the group engaged in synthesis of hydrocarbons. During World War II he pursued research aimed at improving aviation gasoline. Following the War he turned his attention to the study of jet fuel and the phenomena of combustion. He was appointed Acting Chief of the Engine Fuels Section in 1949, and during that same year was the recipient of the Commerce Department's Silver Medal for Meritorious Service. In 1951 he was named Chief of the Engine Fuels Section, and remained in that post until 1960 when he was appointed Chief of the Pure Substances Section.

COL. THOMAS P. CORWIN, A&S '35, of Denver, Colorado was promoted to the rank of Brigadier General in August, 1963 by the President. General Corwin assumed command of the Air Force Accounting & Finance Center on March 14, 1963, after having served as Vice Commander since July, 1962. Prior to coming to the Center, he was Assistant Vice Commander of the Air Force Systems Command. He is a native of

Washington, D. C. where for a time he served as a lawyer in civilian life and financial management specialist with the Air Force for many years. He at one time was associated with Riggs National Bank, and received a LL.B. degree from Georgetown University Law School in 1942. He entered active service in 1941.

GERSON A. FREEDMAN, D.D.S. '35 is a resident of Baltimore, Maryland. He has been named president-elect of the Baltimore City Dental Society. He is also chief of dental service at Levindale Hospital. He received his post graduate training at the University of Pennsylvania and Columbia Universities. He has served as editor of the *Alumni Journal*, University of Maryland Dental School.

DOMINIC T. BATTAGLIA, M.D. '35 of Poplar Ridge, Anne Arundel Co., died in April, 1963. He was an attending physician at several hospitals in Baltimore. He was a Naval Lieutenant Commander during World War II. He was a member of the Medical and Surgical Faculty, American Society of Abdominal Surgeons, a Fellow of the American College of Surgeons and a Fellow of the International College of Surgeons.

JOHN R. SMALL, A&S '35, residing in New London, Connecticut, is currently with Thames Broadcasting Corporation WNLC, at New London, Connecticut as a show producer and account executive. He has held several positions previously, including educational adviser, Civilian Conservation Corps, U.S. Dept. of Interior, teacher in the Montgomery County, Maryland, School System. He served as a lieutenant in the U. S. Coast Guard from 1942-1946; and then went into the publication business at Provincetown, Massachusetts as owner & editor of *The New Beacon*. From 1947-1952 served as elected member of Provincetown's Board of Selectmen, and as chairman of Assessors. He was recalled to active duty with the Coast Guard from 1952-1954, at which time he joined his present employers.

(MRS.) J. FINLEY CHESTON, A&S '36 is a housewife and residing in Silver Spring, Maryland.

E. P. FLINT, P.H.D. '36, currently of Rockford, Illinois, on April 29, 1963 received national recognition in the ceramic field, when he was made a Fellow of The American Ceramic Society in a ceremony at the Society's 65th Annual Meeting in Pittsburgh. Mr. Flint is assistant to the president at Ipsen Industries, Inc., Rockford, Illinois. He is a member of the Society's Basic Science Division, and of The National Institute of Ceramic Engineers. He holds several patents and has published a number of papers on his research work.

W. KENNEDY WALLER, A&S '28, M.D. '36 of Baltimore, Maryland, died January 6, 1964. He served as intern

MR. CHARLES H. RAHE, Engr. '33, is a native of Baltimore, Maryland, now living at Emmaus, Pennsylvania. Following service with the Chevrolet division of General Motors Corp. in Baltimore, he joined the Pennsylvania Water & Power Co. in 1937 as an electrical engineer. When that company merged into PP&L in 1955, he became generating station engineer. He has just been appointed assistant to chief electrical-mechanical engineer, reporting on electrical engineering projects in the new System Power & Engineering Dept. of PP&L Co.

HOWARD M. BIGGS, Engr. '33, of Rockville, Maryland, has been appointed as Chief of the Research Facilities Planning Branch (RFPB). The Division provides centralized scientific, technical, and engineering services to NIH medical research programs. Mr. Biggs joined NIH in January, 1963 as Acting Chief of RFPB. Before this he was an active member of the Washington area construction industry. From 1955-1962 he was with R.H.H. Spidel, Inc. He served with the U.S. Army in World War II, from 1940-1946, having attained the rank of Col.

ROBERT E. DUNNING, Engr. '33, who resided in Los Alamos, New Mexico, died on Oct. 20, 1963. He was chief of the AEC's construction branch. He was native of Washington, D. C. He had worked for the federal government since 1933, including military service from 1940 to 1948, having been discharged with the rank of lieutenant colonel. He was a member of the American Society of Civil Engineers and was listed in "Who's Who in the West."

F. L. HOWARD, A&S '34 of Silver Spring, Maryland died in October of 1963.



Members and guests of the Maryland Chapter of Phi Kappa Phi, national honor society, met for the society's 54th annual initiation banquet, January 20 in the Student Union at College Park.

Phi Kappa Phi elects to its membership senior and graduate students who are in the upper ten percent of their class from all colleges and schools of the University. Faculty members who have distinguished themselves in scholarly endeavor are also elected. President and faculty advisor is Dr. J. Allen Cook, Professor of Marketing.

at University Hospital from 1936-1938, and was then a resident until the end of 1939. He was a fellow in medicine with Dr. Maurice C. Pincoffs from 1939 until 1942, when he entered the Army Medical Corps. He was Co-manager of General Hospital 42 in the Australian Bush for soldiers wounded in the South Pacific. The hospital was staffed by personnel from University Hospital. He was discharged with the rank of Colonel in 1945, when he joined the faculty of the University of Maryland Medical School as a medical associate. He was made an associate professor in 1963. He was a member of many medical societies.

THEODORE H. ERBE, A&S '36, of Baltimore, Maryland, during 1963 was notified of membership in the 1963 Million Dollar Round Table of the National Association of Life Underwriters. All members of this organization must have sold at least a million dollars of life insurance in 1962, or else must have met the special requirements for Life membership by their million-dollar-a-year sales in prior years. Mr. Erbe is employed by Travelers of Baltimore, Maryland.

ALVAN A. WELFELD, M.D. '38, of Baltimore, Maryland passed away on August 21, 1963.

WALTER C. GAKENHEIMER, Pharm. '38, currently residing in Wilmington, Delaware, has been appointed technical director of the international division, Atlas Chemical Industries, Inc. He was formerly with The Stuart Company at Pasadena, California and with Merck & Co., at Rahway, New Jersey. He was born in Baltimore. He is the author of numerous publications, holds patents in the field of pharmaceutical technology. He is a member of the American Pharmaceutical Assoc., American Chemical Soc., N.Y. Academy of Science, American Assoc. for the Advancement

of Science, Sigma Xi, Rho Chi, and Phi Delta Chi. He has served for the American Red Cross and Blood Bank.

JOHN H. BEERS, A&S '39, was recently elected president of the Montgomery County Board of Realtors. He is a resident of Chevy Chase, Maryland. He is secretary-treasurer of Beers Brothers, Silver Spring Realtors, and is a certified property manager.

ABNER BRENNER, PH.D. '39, lives in Chevy Chase, Maryland. He is currently the Chief of the Electrolysis and Metal Deposition Section in the NBS Metallurgy Division, and has recently published a massive two-volume treatise entitled "Electrodeposition of Alloys," which represents the most comprehensive treatment of this subject in the field. Dr. Brenner is a recipient of the Commerce Department's Gold Medal for Exceptional Service for his contributions to the development of the technology of electroplating, and its application to problems in industry and government. Dr. Brenner has been an NBS staff member since 1930, and is the author of many publications. He is also the holder of 22 patents. He holds memberships in the American Chemical Society, the American Electroplaters' Society, the Institute of Metal Finishing, the Electro-chemical Society, and the Washington Association of Scientists.

GEORGE KNEPLEY, Educ. '39, resides in Falls Church, Virginia. He is Staff Assistant to the Commercial Manager of the Washington Gas Light Company, Washington, D. C. He served for three years with the U. S. Air Force and held the rank of Captain. He is a very active member of the University of Maryland "M" Club.

JOHN J. McCARTHY, '39, Washington, D. C. real estate and savings and loan executive, died recently at Georgetown University Hospital after a lingering

illness. He was 48 years old. He was a member of the board of directors and vice president of the Home Building Association and vice president of Woodward & Norris. At the University of Maryland, he won three letters in sports and in his senior year, was selected first-string end on an all-Maryland football team. He owned several horses that raced locally, including Kerfoot, Fallen Angel and Gunner.

U. H. MORGENTHOL, JR., Phar '39 of Baltimore, Maryland, is owner-partner of a pharmacy. He served with the armed forces from 1941-1946. He is presently president of the Maryland Pharmaceutical Assoc., and has been president of the Baltimore Pharmaceutical Assoc. and the Alumni Association of the School of Pharmacy. He belongs to Rho-Chi, National Pharm. Honorary. He is also a Fellow of the American College of Apothecaries.

1940-1949

JOSEPH S. MERRITT, JR., Agr. '40, of Dundalk, Maryland, has been named president of the Allied Florists Association of Greater Baltimore. He served in the Army Air Corps for three years, and carried the rank of First Lieutenant. Mr. Merritt is a past president of the Middle-Atlantic Florists Association, a past president of the Dundalk Rotary Club, and has been very active in church work. He is a member of the board of managers of the Dundalk YMCA.

HOWARD H. FAWCETT, A&S '40 is a native of Cumberland, Maryland, now living in Burnt Hill, N.Y. He is employed as a safety engineer at the General Electric Research Laboratory, and has been presented the William H. Cameron Award, as general chairman of the Chemical Section of the National Safety Council. He has been on the General Electric Research Laboratory staff since 1948. Previously he was employed by E. I. DuPont de Nemours & Company.

GEORGE E. LAWRENCE, BPA '40, of Hanover, Pennsylvania, was appointed vice president of sales of the Hanover Canning Company in June of 1963. He has been with the Company since Jan. 1, 1946, and was appointed sales manager shortly thereafter.

JUDITH KING MANNING, BPA '40, a resident of Silver Spring, Maryland died in June of 1963. She was born in Washington, D.C. and was an accomplished amateur musician. She was a member of Kappa Delta Sorority.

HELEN B. FELDBERG, H.Ec. '41, lives in Silver Spring, Maryland. She is a homemaker at present. She also holds a Master of Nursing degree from Yale University, and previously was assistant supervisor, OBS Ward, at the New Haven Hospital, a 1st Lt. with the



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NEAL HATHAWAY, BPA '42 of Weston, Connecticut died September 3, 1963. He was a member of ATO.

ROBERT R. AYRES, JR., BPA '42, UC '60, living in Bladensburg, Maryland, has retired as a Lt. Col., USMC after 22 years of service. He is now an Associate of the nationally known financial planning firm of J. D. Marsh & Associates, Inc. and works in D. C.

BESSIE A. RICH, Educ. '42, is now living in Baltimore, Maryland. She is a teacher at Forest Park High School in Baltimore, and formerly taught at Dundalk Elementary School in Baltimore County, and the Clara Barton Vocational School of Baltimore City. She belongs to a number of organizations including the National Education Association.

IRWIN J. SCHUMACHER, Engr. '42, of Washington, D. C., is a senior project engineer at the Research & Development Center, U.S. Army Corps of Engineers at Fort Belvoir, Virginia. In December, 1963, he learned he had won \$1,000 in a national contest sponsored by the H. J. Heinz Company to name its "Tomato Man."

MILTON H. VANDENBERG, A&S '43, a Baltimore sales executive, has been named general manager of the Bulk & Institutional Division of McCormick & Company, Inc. He joined McCormick & Company in October 1962 as sales manager of Gilroy Foods, Inc., a subsidiary of McCormick & Company. He was also elected to the Board of Directors of the California subsidiary. Previously he had been a sales executive with the National Brewing Company of Baltimore. Mr. Vandenberg was an honor graduate at the University of Maryland, and had an outstanding athletic career. He was captain of the lacrosse team and was selected as a member of the All-Maryland, the All-South and the All-American Lacrosse teams while in College. He served in the Army during World War II, and holds the Purple Heart for wounds received in combat. He has also been very active in many civic groups.

HENRY S. HOHOUSER, D.D.S. '43, is a resident of Suitland, Maryland and is currently practicing dentistry. He was in service with the armed forces from 1943 to 1946, and holds the rank of Captain.

RAMON GRELECKI, Educ. '43, lives in San Francisco, California. Since 1949 he has been the president and owner of R. Grelecki & Co., manufacturers representatives for Pacific/Far East Area.

CORNELIA M. COTTON, PH.D. '43, a resident and native of Bethesda, died during the spring of 1963. She was a microbiologist with the University of Maryland for more than 20 years. She was known for her research on brucellosis, a disease also referred to as un-

dulant fever, which she contracted while experimenting with guinea pigs. She had also taught at Texas State College and American University. She was faculty adviser to Delta Gamma social sorority, and a member of the American Association of University Women. She also belonged to the American Society for Microbiologists, Sigma Xi, The Sanitary Association and the Conference of Researchers Working on Animal Diseases.

MELVIN S. CAGEN, Engr. '45, presently lives in Rochester, N.Y. Kordite Corporation has announced his appointment as manager of manufacturing for the Films Division. He has served Kordite as technical superintendent, and also as commercial development project manager. Prior to joining Kordite, Mr. Cagen was associated with Olin Mathieson Chemical Corporation and Heyden Chemical Corporation. He is a member of the A.I.C.H.E., Society of Plastic Engineers and the American Chemical Society.

ALBERT M. MATTOCKS, PH.D. '45, technical director of the R. P. Scherer Corporation, and former Professor of Pharmacy at the University of Michigan, has rejoined the University of Michigan faculty as Professor of Pharmacy and Coordinator of Hospital Pharmacy Education and Research.

ROBERT M. CALLAWAY, JR., BPA '48 of Charlottesville, Virginia, has been named agency director of a new Washington office of the State Farm Mutual Automobile Insurance Co.

EDWIN A. GEE, PH.D. '48, who lives in Wilmington, Delaware, was appointed director of the Development Department of the Du Pont Company recently. He joined Du Pont in 1948, and became one of the nation's outstanding authorities on titanium metal, and has written numerous publications in the field. He has served on many advisory committees for the government. He has served Du Pont in many capacities. He was assistant chief metallurgist of the United States Bureau of Mines prior to joining Du Pont. He is a member of the American Chemical Society, American Society of Metals, American Institute of Mining and Metallurgical Engineers, Delaware Society of Professional Engineers, Sigma Xi, and Alpha Chi Sigma Fraternity.

JOHN M. BUCHNESS, M.D. '48, a resident of Bethesda, Maryland has been appointed assistant to the Deputy Director of the National Institutes of Health. He was formerly chief of the Foreign Operations Branch in the Division of Foreign Quarantine. After completing his internship at Mercy Hospital in Baltimore, he joined the Public Health Service Commissioned Corps in which he served continuously. His Public Health Service career has been marked by a number of increasingly responsible assignments. He is a Diplomat of the American Board of Internal

Medicine and an associate member of The American College of Physicians. He is also a member of the American Medical Association, Public Health Service Clinical Society, and Association of Military Surgeons of the U.S. He was elected to Who's Who Among Students in American Colleges, and was president of his class for three years at the University of Maryland.

HENRY S. BAUSUM, A&S '49, a native of Annapolis, Maryland, is now residing in Jefferson City, Tennessee. He is currently a professor in the History and Political Science Department of Carson-Newman College, and has just successfully completed his work for a Ph.D. degree from the University of Chicago. Before joining the faculty of Carson-Newman College, he taught in the Chicago public school system.

CHARLES CURTIS, A&S '49, of Washington, D. C. has been named advertising manager for Kroehler Mfg. Co. He previously was general manager of Curtis Brothers Furniture Co. in Washington, D. C. He joined Kroehler in June of 1962 as a sales representative in Colorado and Wyoming, and in June of 1963 was named a division merchandise manager. He is a native of Washington, D. C. and prior to receiving his degree from Maryland attended Cornell and George Washington Universities. He served as a Lieutenant in the United States Air Force during World War II.

CHARLES SHELDON BRESLER, BPA '49, lives in Chevy Chase, Maryland. He served with the Armed Services during World War II in the Counter Intelligence Corps. He has been president of Act Home Corporation, Montgomery Associates, Charles Burton Builders, Inc. His civic activities are legion.

NEAL J. EDWARDS, BPA '49, of Bethesda, Maryland is manager of WMAL Television. He was a Captain with the USAF from 1942-1945. He holds memberships in the Sigma Nu Fraternity, the Washington Board of Trade, Advertising Club of Washington.

J. TREVOR McINTYRE, Engr. '49, lives in Rockville, Maryland. Operations Research Incorporated announced recently that Mr. McIntyre has been appointed to the senior staff of the Logistics & Operations Division. He comes to ORI after eleven years with Research Analysis Corporation.

1950-1959

J. DONALD CLAGETT, JR., A&S '50, who resides in Silver Spring, Maryland, has been appointed as assistant secretary and manager of the Hyattsville Bldg. & Loan Association's new branch office in Bethesda, Maryland. He has been an appraiser-inspector with the association since 1955.

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RICHARD L. BLANCO, BPA '50, of Marietta, Ohio, a member of the faculty of Marietta College since 1960, has recently been advanced to the rank of Associate Professor.

WILLIAM ROSENBERG, Engr. '50, a resident of Baltimore, Maryland was recently appointed to the position of manager of Universal Machine Company, after having previously served as chief engineer of that concern.

JOHN P. YOUNG, Engr. '50, lives in Baltimore, Maryland. He received his doctor of engineering degree in Operations Research at the Johns Hopkins University in 1962, where he is a lecturer at the School of Engineering Science, and assistant director of the Operations Research Division in the health services of the Hospital. Previously he has been an industrial engineer for Westinghouse Electric Corp.

ALBERT S. SALKOWSKI, Engr. '50, is a resident of Lutherville, Maryland. For the past six years he has been employed as a supervisor in Structural Design in the Bureau of Engineering of Baltimore County. He has received his LL.B. degree from the University of Maryland School of Law, and an ABA degree in accounting from the Baltimore College of Commerce.

DONALD WESTRA, UC '50, of Washington, D. C. has been appointed by the Ohio State University Board of Trustees as an assistant dean for development in the College of Medicine, effective April 1. Formerly Mr. Westra was executive officer to the Surgeon General of the U.S. Air Force, supervising medical installations throughout the world. Before 1957 he served as a staff officer in military medical assignments for the department of defense. He is a native of Randolph, Wisconsin. He also has an LL.B. degree from St. Mary's University Law School, San Antonio, Texas.

EDWARD D. SACKS, BPA '51, of Washington, D. C., and president of the Bank of Bethesda since May 1, 1962, was elected president of the Montgomery County Bankers Association in September 1963. He also graduated from the American Institute of Banking.

HOWARD KRAUSE, BPA '51 is a resident of Baltimore, Maryland, and has been appointed senior brokerage consultant at the Connecticut General Life Insurance Company in Baltimore.

WILLIAM RINEHARDT, P.E. '51, of Charlottesville, Virginia is now claim superintendent in the eastern region office of the State Farm Mutual Automobile Insurance Co. His wife, the former Mary Ellen Travers of Laurel, Maryland is an A&S '50 graduate of the University of Maryland.

THOMAS J. TRAINOR, UC '51, of Dublin, Ireland, passed away on the 18th of August, 1963.

WALTER H. DEYHLE, BPA '52, of Chicago, Illinois died on January 4,

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1964. He was a former controller of the Atomic Physics & Science Fund, Inc. in Washington. He had served for several years with the Washington Mutual Fund, and previously had been a certified public accountant with the firm of Price, Waterhouse & Co. Mr. Deyhle was an Army veteran of the Korean War. He was a native of Philadelphia, but grew up in Washington, D. C.

ARTHUR E. BIGGS, BPA '51, living in Stamford, Connecticut has been appointed assistant controller of Mobil Oil Company, the operating division for Socony Mobil Oil Company, Inc. in the United States and Canada. He was a consultant with McKinsey & Co., Inc., before joining Mobil in 1962. He also holds an M.B.A. degree in finance from the Harvard Graduate School of Business.

ALI A. HUSSAIN, Agr. '51, was recently appointed the Assistant Dean of the College of Agriculture for Scientific Research for the University of Baghdad in Iraq. He formerly held the position of Chairman of the Department of Entomology at the same institution.

VERNON BENFER, Engr. '51, formerly of Baltimore, Maryland, during 1963 was appointed as general manager of the Phoenix Division of Cannon Electric Company. Mr. Benfer comes to Cannon Electric with twenty years experience in engineering and electronics, having been affiliated with Acoustica, as general manager; Pacific Airmotive Corp. as vice president of development; and with PAC subsidiary of Pacific Aero Engineering, as president. He was division manager for Lear, and just prior to joining Cannon, Mr. Benfer was president of Air Associates, a subsidiary of Electronic Communication in Wichita. He also served two years as a pilot and navigation instructor for the U.S. Navy.

DONALD R. JACKSON, BPA '52, a native of Bethesda, has resigned as treasurer of Hot Shoppes, Inc. to become assistant controller of Standard Brands, Inc., with offices in N. Y. He is a certified public accountant in Maryland, and has been a director of The Financial Executives Institute, and of the Washington Chapter, National Association of Accountants.

JAMES R. BOOKSTAVER, Engr. '52, of Endicott, N.Y., joined IBM in 1952, and last spring was promoted to manager, Machine Technology & Communications Systems in Product Engineering.

PHIN COHEN, M.D. '52, a native of Baltimore, Maryland, is now residing in Brookline, Massachusetts. Dr. Cohen has been promoted to the Faculty of Medicine at Harvard.

RODERICK PALMER, M.EDUC. '52, of Baton Rouge, Louisiana is a professor of English at Southern University, and a former teacher at Sumner High School. He has recently been appointed to the Commission of Listening Post



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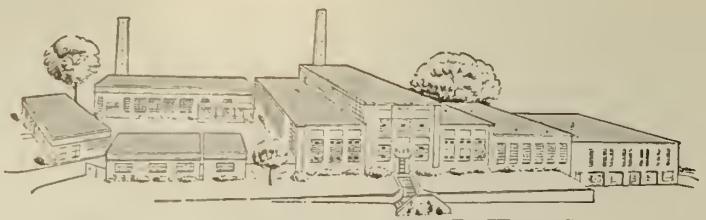
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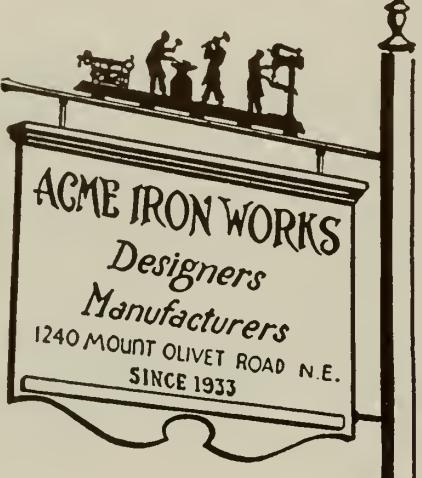
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Monitors of the *Phi Delta Kappan*, a noted educational periodical of Phi Delta Kappa.

MARY PERKINS STOKES, A&S '53, who has been living in Cambridge, Massachusetts, will shortly move to Italy. From '56 to '58 she was an editorial proofreader for University of Washington Publications & Printing Plant, and from 1958 to 1960 worked as an Associate Editor on the U. of Washington *Business Review*. From 1960 to 1961 she was an assistant editor of the Yale Center of Alcohol Studies. From there she moved to Pittsburgh, Pennsylvania, where she was assistant editor on the journal *Ethnology*, published by the U. of Pittsburgh. From 1963 to January 1964, she was employed by International Marketing Institute, working on *The Gallatin Annual of International Business*, as managing editor.

ALBERT PETER, JR., Engr. '53 of Hyattsville, Maryland has been awarded a year of graduate training under a Ford Foundation grant. Currently he worked as a structural engineer with the General Service Administration in Washington, D.C., where he was chief trouble shooter for GSA's Public Buildings Service. His first job was with the Washington Suburban Sanitary Commission as a construction engineer. Following two brief periods with a consulting firm and a steel corporation, he joined GSA in 1956. Mr. Peter holds membership in the American Society of Civil Engineers, National Society of Professional Engineers and the American Concrete Institute. He was with the armed services under Naval Aviation during 1945 and 1946.

JOHN F. KIRBY, P.E. '53, living in Baltimore, Maryland, a veteran of fifteen years with the Bureau of Recreation of Baltimore City, has become supervisor of its boys' and men's activities. Formerly he was director of the recreation centers at Gwynns Falls and Brooklyn Homes. He is a native of Williamsport, Pennsylvania. He is an Air Force veteran.

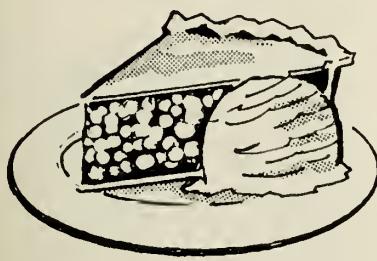
CARROLL D. HOUSE, Agr. '54, living in W. Hyattsville, Maryland has recently been promoted to project programmer by the IBM Federal Systems Division.

EVANGELINE WILLIAMS, Educ. '54, of Chevy Chase, Maryland died in October, 1963, after a very short illness.

Alice Ann Gates, Educ. '54 residing in New Iberia, Louisiana, is a high school teacher. She recently was chosen to receive the Valley Ford Classroom Teachers medal from the Freedoms Foundation at Valley Forge. Miss Gates is the sponsor of the NIH Civics Club.

GERALD W. LONGANECKER, Engr. '54, is presently living in College Park, Maryland. He was the assistant project manager for America's newest scientific

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satellite, Explorer XVIII, the Interplanetary Monitoring Platform. He is a member of the AIAA.

ROBERT R. MULLER, BPA '54 who is employed by Fidelity Mutual Life at Philadelphia has received notification of membership in the 1963 Million Dollar Round Table of the National Association of Life Underwriters.

THOMAS J. HOLDEN, LL.B. '54, Engr. 49, a resident of Baltimore for many years, was elected a director and Eastern Regional vice president of the recently organized Baltimore-Washington Chapter of Strategic Industries Association. He is secretary and chief, Government Contracts Division of Aircraft Armaments, Inc., at Cockeysville. He was registered to practice in the U.S. Patent Office in 1952. Previously he has been affiliated with Bendix Radio Corporation, the Martin Company, and Phebeo, Inc. He is a member of the National Association of Corporate Secretaries, and the Contract Negotiations Subcommittee of the National Security Industrial Assoc.

PHILIP A. OUELLETTE, M.S. '55, living in New Jersey, has been appointed section head of Skin Product Development in the Toiletries Product Development Division of the Research & Development Department of Colgate-Palmolive Company.

JOSEPH F. LYNCH, Agr. '55, is a resident of Baltimore, Maryland. He has recently been promoted to wholesale route supervisor by the Baltimore District of Sealtest Foods. He formerly held the position of wholesale solicitor. An Army veteran, he has been with Sealtest for six years.

CHARLES NICHOLAS LEE, A&S '55, has been appointed to the Bucknell University faculty as an assistant professor of Russian studies. Dr. Lee served as instructor in French, German and Russian at the University of Maryland from 1956 to 1960, when he entered Harvard University to study for a doctorate, which he received this past year.

JARED JULES COLLARD, A&S '55, of Spokane, Washington, was appointed a career Foreign Service Officer by the late President Kennedy. The appointment makes him a Vice Consul and a Secretary in the Diplomatic Service. He is a native of Madison, Wisconsin. Prior to joining the State Department, he served in the United States Army from 1955 to 1957. From 1958 to 1962 he was with the United States Foreign Service Staff in Manila and Tehran.

HELEN VIRGINIA LINTHICUM, M. EDUC. '55, who lives at Flintstone, Maryland is a public school teacher at the Junior High level, teaching English and Social Studies. Previously she was a social worker. She belongs to a number of teachers' associations, among which are the National Education Association, National Council of Teachers of English, and the Maryland State Teachers' Association.

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PAUL F. WIRE, Educ. '55, currently of Bethesda, Maryland, has been promoted to senior associate programmer, Goddard Programming Dept., Project Mercury, Space Systems by International Business Machines Corporation.

RUTH S. KUNTZ, Educ. '55, of Wellesley, Massachusetts, is now a homemaker, having just finished a year as Intern in the Dept. of Children's Work of the National Council of Churches.

BRUCE L. BERLAGE, Agr. '56, of Kensington, Maryland entered the real estate business, in September of 1964, was elected vice president of J. D. Riviere & Co., Realtors of Washington, D. C. He is manager of the Syndication and Investment Property Dept. of the Riviere firm and serves as general partner in numerous investment property syndicates.

JOHN P. MCKEE, A&S '56, now residing in Missouri, has been named pension supervisor for Pacific Mutual Life in St. Louis, Missouri. A member of Phi Delta Theta, he was also on the varsity baseball team from 1953 to 1955. Following graduation he served as a lieutenant in the Air Force, and in 1958 joined Pacific Mutual Life. In 1961 he was made manager of the company's New Orleans Group insurance office.

STANLEY T. PISZKIN, JR., Engr. '56, is living in San Diego, California. He has been with the Convair Division of General Dynamics since 1956.

ROBERT W. GLENN, M.D. '56, a native of Illinois, and presently living in Canton, has just recently been appointed staff physician, Health Center & McKinley Hospital and Assistant Professor of Hygiene. Formerly he was a partner of the Glenn Maguire Clinic in Canton. Previously he was an intern, Santa Clara County Hospital, at San Jose, California; chief physician of Illinois State Penitentiary at Menard; private practice in Canton for five years; chief surgery resident of St. Luke's Hospital, Chicago; U. S. Army, 1944-46.

SHELDON FRIEDMAN, Pharm. '56, a native of Baltimore, Maryland has joined Eli Lilly & Co. as a salesman in Takoma Park, Maryland. Prior to his joining Eli Lilly & Co., he was manager of pharmacies in Baltimore & Hagerstown. He is a member of Alpha Zeta Omega, pharmacy recognition society.

CHARLES E. BILLINGER, BPA, '57, Lt. Col. USAF, (Ret.) has completed his teaching credential requirements at the University of California, and has accepted a position on the faculty of Norte Vista High School in Riverside, California.

HARVEY A. WALLSKOG, Engr. '57, recently joined the staff of the General Scientific and Administrative Department at the University of California Lawrence Radiation Laboratory in Livermore, California.

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B. LUCILE BOWIE, ED.D. '57, living in W. Hyattsville, Maryland, is an Associate Professor of Education at the University of Maryland. Previously she was Supervisor of Elementary Schools, Charles County, Maryland; an elementary school teacher; and a Grant Foundation Fellow, Institute for Child Study, at the University of Maryland. She belongs to Phi Delta Gamma, and Delta Kappa Gamma, having held the position of president of both local chapters. She belongs to many educational associations, among which are the National Education Association, American Assoc. of University Professors and the American Assoc. for the Advancement of Science. She has had many articles published.

JOSEPH H. ROSS, PH.D. '57, is now a research chemist with American Cyanamid Co.

RICHARD W. SELTZER, D. Educ. '57, residing in Bristol, Pennsylvania, is now Superintendent of Bristol Borough Schools.

JAMES S. FURST, Mil. Sc. '58, Captain, USMC Ret., of Triangle, Virginia has recently received membership in the 1963 Million Dollar Round Table of the National Association of Life Underwriters.

SAMUEL M. MEREDITH, Agr. '58, was recently appointed sales contractor for the Upjohn Company's Washington Branch. He joined Upjohn in February, 1961 and was assigned the Baltimore sales territory.

DORIS WALTER LABER, BPA, '58, living in Chicago, Illinois, is presently employed as Information Specialist with the Agricultural Marketing Service, USDA. Previously she was assistant editor of the *Extension Service Review*.

ROBERT H. BRUBAKER, JR., Educ. '58, has recently been promoted by International Business Machines Corporation to the position of senior associate programmer in the Navy Systems Dept.

JOHN W. NEWLAND, Educ. '58, a former history teacher at Bladensburg Senior High School, died recently at Andrews Air Force Base Hospital of leukemia. He was 27. Mr. Newland was a native of Washington, raised in suburban Maryland and graduated from Bladensburg High School. He is survived by his wife, Barbara Dawson Newland, a teacher at Northwestern High School, of Hyattsville; his parents; and a brother.

F. DWIGHT SMITH, BPA '59, has been appointed personnel manager of Suburban Trust Co. Previously he was assistant in the personnel department.

EDWARD L. CLABAUGH, A&S '60, of Los Angeles, California, has his law degree from Harvard Law School, and has recently joined the firm of Shepard, Mullin, Richter & Hampton.

BASILIO M. LIACURIS, BPA '60, has begun a two-year assignment as a Peace Corps Volunteer in Ecuador.

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THE SIXTIES

EDWIN B. GEISLER, BPA '61 has been promoted by The International Business Machines Corporation to the position of senior accountant, Budgetary & Manpower.

RAY E. HIEBERT, M.A. '61, Ph.D. '62, has recently been elected to the American Society of Journalism School Administrators and appointed regional observer for the Pulitzer Prize Committee at Columbia University.

JOHN W. NEWTON, JR., Engr. '61, a native of Sewickley, Pennsylvania, is currently living in Newark, Delaware. He was recently appointed to the Research and Development Division of Du Pont's Plastic Dept. at the Experimental Station near Wilmington.

JAMES McCLEARY, Agr. '62, lives at Chalfont, Pennsylvania. He has recently joined the Agricultural Field Testing Group at the Rohm & Hass. He was previously associated with the research division of W. R. Grace & Company, Clarksville, Maryland.

NORIKO KAMEI, A&S '62, is a resident of Gifu-Ken, Japan, and is presently an instructor at Japan Women's University.

MISS JUNE LEE WALKER, A&S '62, currently lives at Riverton, New Jersey. She has received one of two Margaret Earhart Smith Fund Fellowships. While at Maryland she was active in college affairs, having served on the Executive Board of the Faculty-Student Senate, Executive Council Member of the Student Government Association. She was also an exchange student at the Universität München in Germany.

ROBERT M. HAYES, Engr. '62, of Holliston, Massachusetts, has joined the Dewey & Almy Chemical Division of the W. R. Grace & Co. as a project engineer in the Engineering Department. Formerly Mr. Hayes was with Hooker Chemical Corp. He is a member of the American Institute of Chemical Engineers. He is a native of Elizabethtown, N.Y.

RAYMOND RICHARD DONADIO, LL.B. '62, a native of Baltimore, has been appointed a field claim representative in the Catonsville Office of the State Farm Mutual Automobile Insurance Co.

PATRICK G. RINALDI, A&S '63, a resident of Silver Spring, Maryland died in November, 1963. He was one of the first blue babies to undergo corrective surgery.

MARGARET ROSE BLACKBURN, A&S '63 has recently been appointed to the Federal Service for career employment. Her position will be classified as editor.

ROBERT ROSS ROBINSON, BPA '63 of Takoma Park, Maryland has been named manager of the Top Value Enterprises Gift Redemption Center at White Oaks Shopping Center, Silver Spring, Maryland.

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FOOTBALL IN MAY!

Watch Tom Nugent and his 1964 football team play their final game of Spring practice, May 16 at 2 p.m. at Byrd Stadium. The occasion: the Alumni Spring Reunion.

University of Maryland Composite 1964 Spring Sports Schedule

	BASEBALL Coach Jack Jackson	LACROSSE Coach Al Heagy	TENNIS Coach Doyle Royal <small>CLEMSON SOUTH CAROLINA</small>	GOLF Coach Frank Cronin	TRACK Coach Jim Kehoe
March					
20					
21					
24			● WESLEYAN, 3:00 p.m.		
25				● LAFAYETTE, 2:00 p.m.	
27	SOUTH CAROLINA	● PRINCETON, 2:30 p.m.			
28	SOUTH CAROLINA CLEMSON				
30				● DARTMOUTH, 2:00 p.m.	
April					
31	CLEMSON	● M.I.T., 3:00 p.m.			
1		● BROWN, 3:00 p.m.	● SYRACUSE, 2:30 p.m.		
2	● SYRACUSE, 2:30 p.m.			● MIT-PRINCETON GEORGETOWN	
3		● NEW HAMPSHIRE, 3:00 p.m.		HOPKINS	SOUTH CAROLINA RELAYS (at Columbia, S.C.)
4	● YALE, 2:30 p.m.				
6	● WEST VIRGINIA, 2:30 p.m.		VIRGINIA		
8	VIRGINIA				
9	● GEORGE WASHINGTON, 2:30 p.m.				
10		● BALTIMORE U., 3:00 p.m.	N. C. STATE		
11			DUKE		● DUKE, 1:00 p.m.
13				● SOUTH CAROLINA 1:30 p.m.	
14		PENN STATE	● GEORGETOWN, 3 p.m.		
17	● DUKE, 2:30 p.m.			● CLEMSON, 1:30 p.m.	
18	● WAKE FOREST, 2:30 p.m.	VIRGINIA	● NO. CAROLINA, 3:00 p.m.	PENN STATE	NORTH CAROLINA
20		● NORTH CAROLINA, 3:00 p.m.		● N. C. STATE, 1:30 p.m.	
21	GEORGETOWN		● GEORGE WASHINGTON, 3:00 p.m.	DUKE	PENN RELAYS (at Philadelphia)
24	● NORTH CAROLINA, 2:30 p.m.				
25	● N. C. STATE, 1:00 p.m.	● NAVY, 2:30 p.m.	PENN STATE	NO. CAROLINA WAKE FOREST	
27				● HOPKINS, 3:00 p.m.	
28					
29	● GEORGETOWN, 2:30 p.m.				
May					
1	NORTH CAROLINA N. C. STATE	ARMY	● WAKE FOREST, 3:00 p.m.		● NAVY, 1:00 p.m.
2					
4		● DUKE, 2:30 p.m.		VIRGINIA	
7			ACC Tournament (at Durham, N.C.)		
8	WAKE FOREST DUKE	● MD. LACROSSE CLUB, 12 Noon		ACC Tournamen- t (at Columbia, S.C.)	● ACC Meet (at College Park, Md.)
9					
12	NAVY		NAVY		
13					
14	● VIRGINIA, 2:30 p.m.			NAVY	
16	PENN STATE (2)				
	● Home Game				



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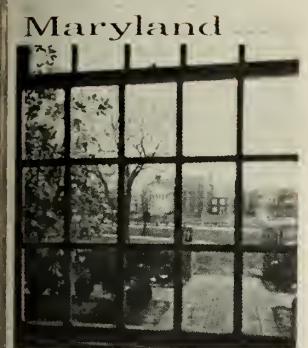


the Maryland magazine

Alumni Publication of the University of Maryland

Volume XXXVI

Number 2



THE COVER: This fine campus scene was photographed by Ronald Kreuder, a draftsman in the Physical Plant Department. It was taken through a window of the Memorial Chapel, south. Harford Hall is in the center; Washington Hall is the next building on the right. Of special interest in this issue are the text of President Elkins' remarks concerning the University's view of freedom on the campus, a report on our wonderful Maryland Singers on tour, and the color insert, "World of Research", printed by permission of the Editors of the 1964 *Terrapin*. Our special thanks to Advisor Jimmy Bedford, and a superlative photographer, Emory Kristof. The excellent photograph opposite, showing the setting sun caught in the spire of the Memorial Chapel, was taken by student James Spears. In the next issue of *The Maryland Magazine*, another eight-page color insert, "Maryland: her promise to her people" will be published. Have a pleasant summer.

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University Dimensions of Freedom

An Address by President Wilson H. Elkins
to the Students and Faculty of the University, April 8, 1964

IN THE FEBRUARY 23RD ISSUE OF THE *New York Times Magazine*, there is a cartoon showing a young man visiting in the room of a coed at Smith College. It is called "Down to Earth" and the caption reads, "When men visit girls at Smith, the door must be partly open and all four feet on the floor."

The topic of the article in which the cartoon appears is "Chaperones." The purpose is to show how social conditions have changed in our society, particularly in the colleges and universities. It is, to some extent, symbolic of the crusade for "freedom" on the campus. It is not unrelated to certain developments on this campus during the eventful year of 1963-64; notably the mounting current of student opinion with reference to the alleged "unfair" and "ill-considered" unilateral announcement by the Dean of Women that girls would not be allowed to check out for weekends unless they intended to go home. As usual,

the critics were outspoken, and the voices of freedom (especially the male voices) rose to what must have been an alarming crescendo before the embattled Dean of Women. Many of us looked on and wondered if the boys, entrenched behind the Associated Women Students, would continue the attack.

Perhaps the Dean was saved by the chaplain's bell. The discussion of women's rights was pushed off the front page of the *Diamondback* by another issue with rising overtones of freedom. Ironically, the President of the University, whose image on fraternity row had not been entirely favorable, was established as a defender of fraternity shenanigans. Newspapers suggested and editorialized that taps had been blown on campus freedom. This accusation was made notwithstanding the appearance on the campus of Mrs. Murray, the admitted atheist, whose remarks should have laid to final rest any contention



that dissenters were excluded. Looking back at it, perhaps her appearance was the event that aroused so much interest in the question of spiritual relationships at Maryland.

There were other developments which also demanded the attention of the press and, again, the individual and his rights—even his pleasure—was involved. The long dreaded report of the special committee to study the effects of tobacco came as no surprise. Like so many reports, it could have been written before the committee was appointed. While *no* surprise, it was disconcerting to a number of people; and, individuals who defied the evidence were self-conscious as they approached, almost surreptitiously, the tobacco counter and asked for cigarettes in a faint whisper. Some wondered what would happen to the tobacco industry. What would southern Marylanders do who recently had lost the legislative battle for the slot machine? Perhaps they and those of us with bad habits and little will power may take some comfort from the following lines of doggerel poetry which I discovered soon after the report on "Smoking and Health" was issued.

*He was a very cautious man,
Who never romped or played.
He never smoked, he never drank,
And never kissed a maid.*

*But when he up and passed away,
Insurance was denied.
For since he hadn't ever lived,
They claimed he never died.*

We are learning so much that society is becoming very complex. The individual is having a hard time reconciling his inalienable rights with governmental and institutional regulations. As the individual experiences the alarming developments toward collectivism in our social order, he becomes more conscious of human rights—of the fundamental freedoms. Individualism emerges in many and strange ways to offset the movement toward uniformity. Some indulge in philosophical discussions of man's role in the universe; others grow beards and tailor them to their personalities. There is a genuine concern even among the vast majority that the individual's freedom of choice and action may be subordinated to mass conformity. Some of this concern is reflected on the University campus as a symptom of the period of development in which we are now engaged.

The University of Maryland is experiencing the changes which occur and the attitudes that prevail in a large and growing institution. The student body is growing more rapidly than that of most universities. Size is important because it indicates that more individuals are involved in the learning process, but there is constant fear of developing just a large quantity of mediocrity. The mission of the University is to provide each individual the opportunity to develop his capacity to the fullest extent; to prepare not only for a job, but to live usefully in a free society and contribute to its advancement. The attainment of this aim demands a high student commitment, a competent and devoted faculty and staff, and facilities to accommodate the modern requirements of an educational institution.

THREE IS SOME SATISFACTION TO BE GAINED FROM looking back on the developments of the past decade.

I should hope that an objective appraisal would show progress in the areas of student qualifications and commitment to learning, faculty improvement, and physical plant and equipment for teaching and research. It has been a decade of high promise for the University and for its graduates. As I see it, the University is now in the somewhat uncomfortable position of the upper middle class striving to get into the company of the nation's aristocrats in higher learning. There are discernible rumblings which characterize all organizations sharply perceiving their potentialities and striving to attain them. The geographical location and the relative wealth of the State of Maryland provide important advantages, but the real test lies in the will of the State to attract and retain a faculty and staff of the highest quality. The decade ahead will be a decisive one for the University.

Whatever the verdict may be on past achievement, we must turn our attention to the present and the future. The demands are and will be tremendous, even a little disturbing. Fortunately, the Board of Regents, the administration, and the faculty have been aware of the enrollment trends in higher education as they relate to the University. Although enrollment has surpassed expectations, preparation has kept apace with developments. Generally, faculty and staff positions have increased in proportion to the growth of the student body. Buildings are now under construction on this campus which, with equipment, will cost approximately \$10,000,000. Development of the Baltimore campus is progressing toward construction of major units for law, medicine and dentistry and the improvement of facilities for nursing, pharmacy, and social work.

The General Assembly of 1964 responded favorably to the University. The Governor's recommendations were approved with only minor changes. The operating budget was increased by approximately \$4,780,000 with a large part of the increase allocated for faculty salaries and new positions. (I hasten to add that determining the individual increases is not likely to require excessive use of our Computer Science Center.) A Graduate School of Library Science was approved and is scheduled to open in the fall of 1965. The total operating budget, including self-supporting activities, will exceed \$60,000,000 in the coming fiscal year. This includes dormitory and dining hall accommodations and the far-flung operations of University College which, incidentally, is building a new home at the end of Campus Drive.

Appropriations for capital improvements far exceed those made for any past year, totalling \$11,177,300. Major additions are a new hospital facility in Baltimore, another addition to the Physics Building, a new dormitory, and the first two buildings of a brand new campus to be called, I hope, UMBC—University of Maryland in Baltimore County. It is scheduled to open in September, 1966.

With respect to branches, the University has been giving top priority to the Baltimore County site. In the beginning, selected courses will be offered in the Arts and Sciences, Business and Public Administration, Education, and the pre-professional programs. Graduate study will develop in accordance with demand and available resources. While it is dangerous to prophesy, I think that it is reasonable to predict that some day the Baltimore County Branch will rival the College Park campus. That will come about long after my administration and after the echoes of current erities have died away. Other branches are being considered by the Board of Regents in accordance with legislative action, but the University is not rushing pell-mell toward expansion.

The purpose of additional facilities is to provide higher education for more people at less expense to the individual. The branch in the Baltimore metropolitan area will, we believe, reduce admissions to this campus and thereby stabilize enrollment here at around 25,000. With the growth and expansion of the junior colleges and state colleges, the University will devote increasing attention to upper division undergraduate work and to the graduate program. We shall move deliberately, however, in raising admission requirements for freshmen who seek admission to the University, since this should not be done until there are other well developed public higher educational institutions throughout the State.

Most of you will be paying the bill for the expansion and improvement of higher education in the State. The bill will be high if the job is done properly. The University cannot afford to spread without depth, for a second-class education is a luxury which neither individuals nor states can afford. The University, therefore, will require adequate financial support as it expands. Students will be asked to pay a proportionate share as operating costs rise; parents should expect to assume the obligation of sharing reasonably in the expense of educating their sons and daughters. The government should not be expected to bear the total cost. This is the rationale for modest fee increases to the student. It accounts for the decision to raise tuition for the undergraduate next year in the amount of \$40., and the fee for graduate courses by \$3. per credit hour. Despite these increases, the percentage paid by the State toward the education of each student will remain about the same as in the past.

At this point, I can hear echoes from some of the boosters of athletics at Maryland. "If the University is expanding so remarkably and requiring so much money," they ask, "why doesn't it win more football and basketball games?" Perhaps I should say that size and athletic prowess do not go together, or would it be safer for me



to focus attention on our great successes in soccer, track, swimming, golf, wrestling and lacrosse? It might be even more rewarding to claim that the University has turned to a new sport—tray sledding—which one sports writer has acclaimed the greatest invention since Dr. Naismith threw a soccer ball through a basket. Let us hope that injuries, academic attrition, and a future scarcity of dining hall equipment do not reduce the ranks of our varsity tray sledders next year. At any rate, we should cherish originality along with performance as we strive for excellence on the playing fields as well as in the classrooms.

HAVING GIVEN YOU A PEEK INTO THE OPERATIONS and plans of the University, I return to the central theme of my remarks. To fulfill the mission of the University, objectives must be clear and the environment must be supportive and favorable. The main purpose of helping students as individuals to develop their capacities and to improve the society in which we all live is accomplished through learning, research, intellectual inquiry, constructive criticism and a variety of activities designed to nourish individual growth. The best climate is one which is orderly and which, at the same time, allows for freedom of individual expression.

In a large and growing institution, there is always a danger that individualism will be stifled by regulations and impersonal relationships. The use of electronic machines for administrative tabulations and other mechanical aids for teaching may tend to create a feeling that the individual is just another number. Mechanization need not have this effect. Actually, the welfare of the individual is enhanced by mechanization if it enables the University to compile more information about the individual student—and if this information is used intelligently. Faculty-student relationships remain the heart of the learning process. Although there are many large classes and there may be too many time-saving tests, effective teaching is a prime consideration of the faculty and will be given increasing attention. Our responsibility is to use the vast resources of the University in such a manner that the individual will not become just a pattern of holes punched into an IBM card. Mary Jones must be identified as Mary Jones and not just number 87449.

In order to accomplish this aim, the student should be expected to perform with greater independence as he proceeds through college. There should be a gradual conditioning of every student of this expectation. More frequent use of the library is an important means of progress toward independent learning. The resources of the library have been improved and will receive additional support. More students are using the libraries; but, at the undergraduate level, only a small percentage are now taking optimum advantage of the resources available. As *all* of the students are expected to do more independent work, a relatively small group of academically superior students will be encouraged to enroll in the honors programs. The University has an obligation to expand and enrich these programs as rapidly as practicable, and the development of our human resources demands that eligible candidates enroll in them.

Recently, the faculty and the Board of Regents responded to student agitation for more freedom in class attendance. In general, compulsory attendance is no longer required, except in freshmen courses. If you find lectures unrewarding and can perform satisfactorily

without much exposure to the instructor, you will not be dismissed from the University. A strong word of warning, however, is in order. Use your freedom wisely and remember that the instructor determines how you are graded. It is hoped that the change in the attendance regulation will produce better teaching and a better student attitude—and it *could* result in a higher attendance record on a voluntary basis.

There is a lot of talk these days about individual rights and freedom, and considerable confusion about the latter. Certainly, a university cannot fulfill its mission except in an atmosphere of freedom. The fundamental freedoms, however, are sometimes confused with a simple desire to eliminate university regulations. This, of course, would mean anarchy. In the areas of discussion and inquiry, students enjoy the same freedom as the faculty. In the government of the University, students are necessarily subordinated to the faculty and the administration who, in the final analysis, have the responsibility for the well-being and on-going vitality of the University. The degree of participation by students in the affairs of the University is determined by the maturity of the student body, and by the ability of individual students to discharge challenging assignments creditably.

Academic freedom is a term applied directly to the faculty and only indirectly to students. It is the keystone in the structure and function of a university. It assumes that members of the faculty are competent in their special fields, and that they are qualified to pursue the truth whatever the effects may be. The right to search for the truth, whether in discussion with students or in examining related materials, is essential to the public welfare. It is necessary in order to protect the members of the faculty from those who would stifle free discussion for the benefit of special interests or to safeguard a particular point of view. But the freedom of the teacher and the scholar to probe and to disturb the status quo imposes a heavy responsibility on the University and the teacher. The University endorses the capability and integrity of its members. The individual has the responsibility for reasonable accuracy, good taste, and fairness. The American Association of Universities states the following:

HIS (THE FACULTY MEMBER'S) EFFEC-TIVENESS, BOTH AS A SCHOLAR AND TEACHER IS NOT REDUCED BUT ENHANCED IF HE HAS THE HUMILITY AND THE WIS-DOM TO RECOGNIZE THE FALLIBILITY OF HIS OWN JUDGMENT. HE SHOULD RE-MEMBER THAT HE IS AS MUCH A LAYMAN AS ANYONE ELSE IN ALL FIELDS EXCEPT THOSE IN WHICH HE HAS SPECIAL COM-PETENCE. OTHERS, BOTH WITHIN AND WITHOUT THE UNIVERSITY, ARE AS FREE TO CRITICIZE HIS OPINIONS AS HE IS FREE TO EXPRESS THEM.

Academic freedom must be earned by years of preparation for the teaching profession. The responsible individual who cherishes freedom in the University will not abuse it or use it as a cloak for irresponsible action. To my knowledge, academic freedom has never been violated at the University of Maryland.



WHILE STUDENTS ENJOY BROAD FREEDOM OF SPEECH and should be encouraged to question and express differing opinions, they must earn their right to self-government. Of different ages, they function in differing stages of development. Above all, they cannot be held responsible for the continuum of University welfare. Final authority in such important matters as publications, the recognition of student organizations, the method of grading, and the policy concerning speakers on the campus must reside in those who have been charged with responsibility. Although conditions should encourage student growth toward responsible citizenship, the faculty and administration must accept the consequences of the conditions that are established.

All this does not imply that students should be treated as first graders. Opportunity for learning should be provided in accordance with maturity, time, judgment, ability and willingness to participate in the creation of a favorable academic climate. It should be recognized that mistakes will occur and that mistakes, if accompanied by counsel, are a part of the learning process. The policy of the University is to allow a wide latitude of action, but

not to condone license to do as one pleases under the guise of freedom. License is the mortal enemy of freedom. Editors and reporters of publications are expected to perform with due regard for accuracy, fairness and good taste. The University's policy concerning speakers invited to the campus by student organizations is generally non-restrictive, except for individuals advocating the overthrow of the government by force. Nevertheless, there are myriads of mediocre speakers available whose contribution to our intellectual life would be negligible—and it can be hoped that student groups would exercise common sense in issuing invitations so that the intellectual climate of the University may be enriched.

There is much more talk today about freedom than there is attention to its corollary—responsibility. This is because the exercise of responsibility is much more demanding than the exercise of freedom. The professor qualifies for academic freedom only after long years of professional preparation. Freedom of the press is safeguarded by experienced editors and publishers who, in order to survive, must have the judgment to distinguish between libel and legitimate criticism. Living democracy does not activate from the ink and paper of a constitution; it emerges from an informed public which has demonstrated the capacity to govern itself. In a university, conditions are established for the development of responsible individuals, and the process is a gradual one which requires teaching, counselling and supervision. The Student Government Association and other activities and organizations on campus are training grounds for the proper exercise of rights and privileges which must be earned by an acceptable standard of performance. The senior, for example, is usually much better qualified to accept responsibility than the freshman. Hence, there is more justification for a greater degree of freedom and independent conduct by the senior. Often, however, a clear distinction is difficult in the conduct of student affairs; but every reasonable effort should be made to free the student as he becomes a more responsible person.

Whatever problems there may be in the area of student activity and emancipation from authority, the University is committed above all to the education of the individual. The University is a place where the intellect grows by the acquisition of knowledge and through a multitude of human relationships. Students, faculty and staff together are members of the most complex organization in our society, one which demands a prescribed performance and which, at the same time, is expected to provide opportunity for creative expression. It can do this best if it is free to pursue the truth by testing the validity of each idea, and if each member cherishes responsibility equally with freedom. Individualism, freedom and responsibility are woven firmly together. A major test of the University is how well it succeeds in developing balance and proportion between these interrelated—sometimes clashing—qualities.

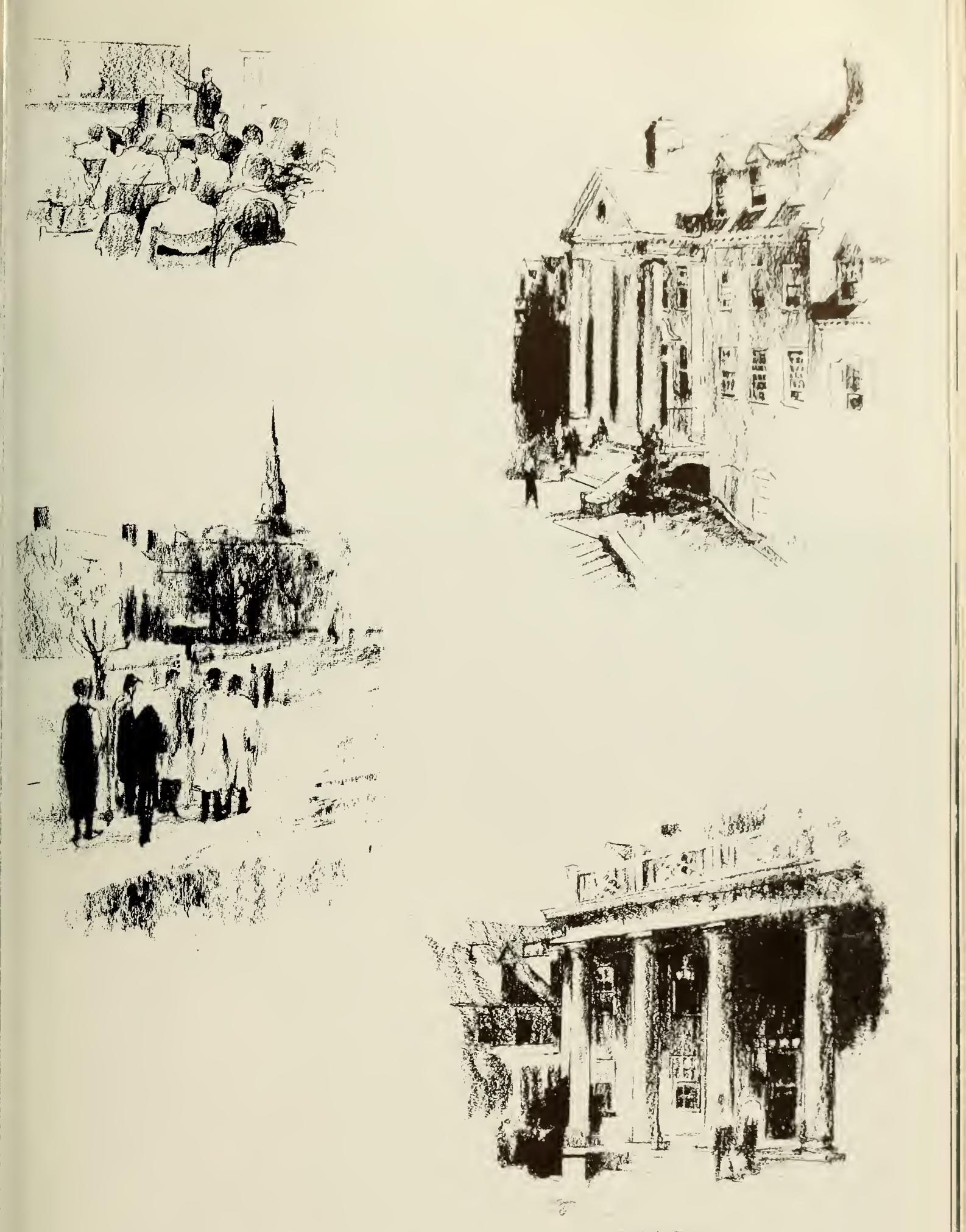
The task is difficult; the episodes frequently controversial. The entire process is fraught with explosive and rebellious elements. It sometimes pits administration against faculty, or faculty against students; sometimes both against all authority. It is, in short, the lively drama of the individual in transition, and the result, though imperfect, is well worth the controversy and strife. The final achievement is the University's noblest objective: an individual who is mature, responsible and free.



CAMPUS SCENES

drawn by artist
Howard Behrens
for the *1964*
Commencement Program





THE MARYLAND SINGERS



Their Discipline and Vivacity Captivate Mideastern Audiences



GREETINGS TO OUR CLASSMATES OF
MARYLAND UNIVERSITY



SUITCASES BULGING WITH SOUVENIRS and mementos, the Maryland Singers and their Director, Miss Rose Marie Grentzer of the Music Department, will depart for the United States from Dublin, Ireland on May 25, thus ending a three-and-a-half month concert tour of 12 countries in the Middle East, Great Britain and Ireland, sponsored by the Cultural Presentations Program of the Department of State.

Reports to the State Department from various posts and newspapers in the Middle East have been overwhelmingly complimentary of the group—both as to their performances and their deportment.

The Embassy in Athens, Greece said:

Although the musical impression created everywhere by the Singers has been excellent, the impact which the Singers themselves made on the Greek public is even more remarkable. The Post has rarely seen in Greece university students from any country who have conducted themselves with such unfailing courtesy, intelligence, and good taste as have these young Americans. From the standpoint of public relations as well as their contribution to mutual understanding between the two countries, their mission to Greece must be considered as having fulfilled the high hopes of the Post as well as the cultural objectives of the Department.

Another report from Athens stated:

The Maryland Singers are now in their second and final week of concerts in Greece. Everywhere they have sung to capacity houses and the enthusiasm of audiences has been tumultuous. The Singers, and their dynamic Director, Miss Grentzer, have been overwhelmed with attention and appreciation in the form of receptions, sightseeing tours, flowers, plaques, photographs and gifts.

A later report from the Embassy in Jordan said, in part:

Parents and students were the leaders of a warmly enthusiastic reception given the Maryland Singers at the Friends Boys School in Ramallah, Jordan. The discipline and vivacity of the 18 young singers captivated this audience. . .

Greek and Turkish newspapers commented in this way:

Lesviskos Kyrix, Mytilene, Greece: . . . The concert was given at 9:30 a.m. to a full house at the Arion Hall and was honored by the Metropolitans of Mytilene, the Nomarch



Mr. Lygerakis and all local dignitaries. The program included works by distinguished American composers which were performed with great artistry and perfection. It was indeed a great joy for all music lovers of Mytilene. The Maryland Singers presented a beautiful sight in their 16th Century costumes.

Kiryx, Chania, Greece:

A crowd of enthusiastic people applauded the Maryland Singers at the Olympia Hall the day before yesterday. The Maryland Singers, founded in 1958, presented a very difficult program in a truly perfect way. These young boy and girl students sang with coordination, depth, passion and knowledge of music. We greatly enjoyed this artistic contribution by our friend, the U.S.A., through this worthy example of the artistic life of America.

Yeni Asir, Izmir's (Turkey) largest daily newspaper:

The program presented by the Singers was diversified and colorful. They made us live the atmosphere of the 18th century through their soft and sweet voices. We thank those who made the concerts available in Izmir.

Although the schedule of the group has been demanding and they have travelled from country to country via plane, train, bus and truck, written reports from the Singers have generally expressed great enthusiasm over what they have seen and done, and gratefulness for the opportunity to travel. Lack of sleep seemed to be their major complaint, along with "a garlic-flavored shishabob for the 15th time in three weeks!" Television, American prices and exams were most often listed as "least missed" items.

To date, the "best purchases" of the group included a Bible from Jerusalem, topaz earrings and ring, smoked silver jewelry, eight meer-

schaum pipes from Istanbul, a stainless steel sword, and a Nativity scene of olive wood from the Holy Land.

The Singers seemed most impressed with the Parthenon, the pyramids, and the peace and solitude of the desert. They listed as "a most pleasant experience," horseback riding on the desert in Egypt with the pyramids in the background, and the incident when the bus got stuck in the mud on the Island of Lesbos. "Within seconds, the whole village crowded around us," wrote one member of the group. "We sang for them and they in turn sang their folk songs and taught us their folk dances. They brought us oranges and candy and mountain flowers."

The Singers, on the whole, were disturbed by the fact that other countries think that all Americans are wealthy and, as a result, are constantly trying to sell something to the "rich Americans"; also, that teenagers abroad think that the only thing American teenagers can do is "Twist." "These same people were surprised to hear us sing serious music," said one Singer, "and they liked it!"

Among the "most unforgettable persons met so far" by the Singers was an elderly lady who had taught Lawrence of Arabia to speak Arabic; the champion pyramid climber in Egypt who could climb the largest pyramid (up and down) in just seven minutes; and actor Anthony Quinn's secretary, who was "very British, very charming, and a real world traveler."

Lunch in a Bedouin tent in the desert in Bagdad, seated on Persian rugs and pillows, rated high as a "best meal" by the Singers. It consisted of rice, lamb-kabob, boiled eggs, baklava, Arab bread and varieties of spiced fruits and olives, and ended with the "smoking of water pipes." A Chinese meal at the "only Chinese

restaurant in Beirut" was also a favorite.

Customs of the Middle Eastern countries intrigued the members of the group. Among their written comments:

Some women wear jewelry on their noses.

In Greece you wave to people with the back of your hand facing them; if you wave our way, you put a curse on them.

When Greek audiences give performers top honors, they 'boo' them.

In Greece, one celebrates name days instead of birthdays.

A standard reply to 'thank you' is 'please'.

Males completely dominate the society.

A Greek custom of giving a guest anything he strongly admires resulted in my being given a baby chick while we were visiting the American Farm School in Thessalonike.

The Maryland Singers were unanimous in reporting that they felt they were accomplishing their mission. This was being done, they wrote by:

Informal and spontaneous meetings with the people.

Meeting the backbone and future leaders of countries—the college students.

Introducing Middle Eastern students to typical U.S. students and American folk and contemporary music.

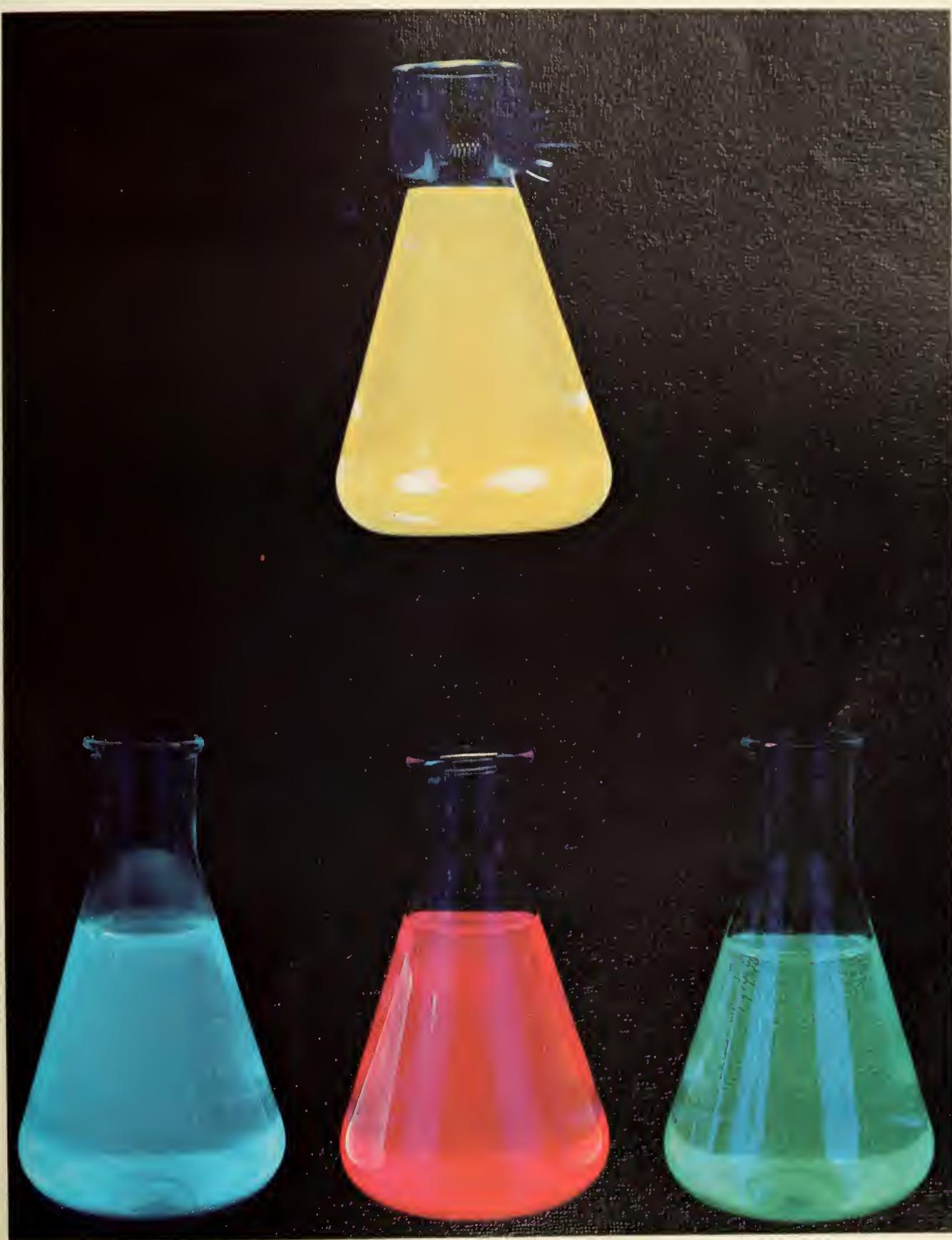
Exchanging culture and custom as an earnest and interested friend.

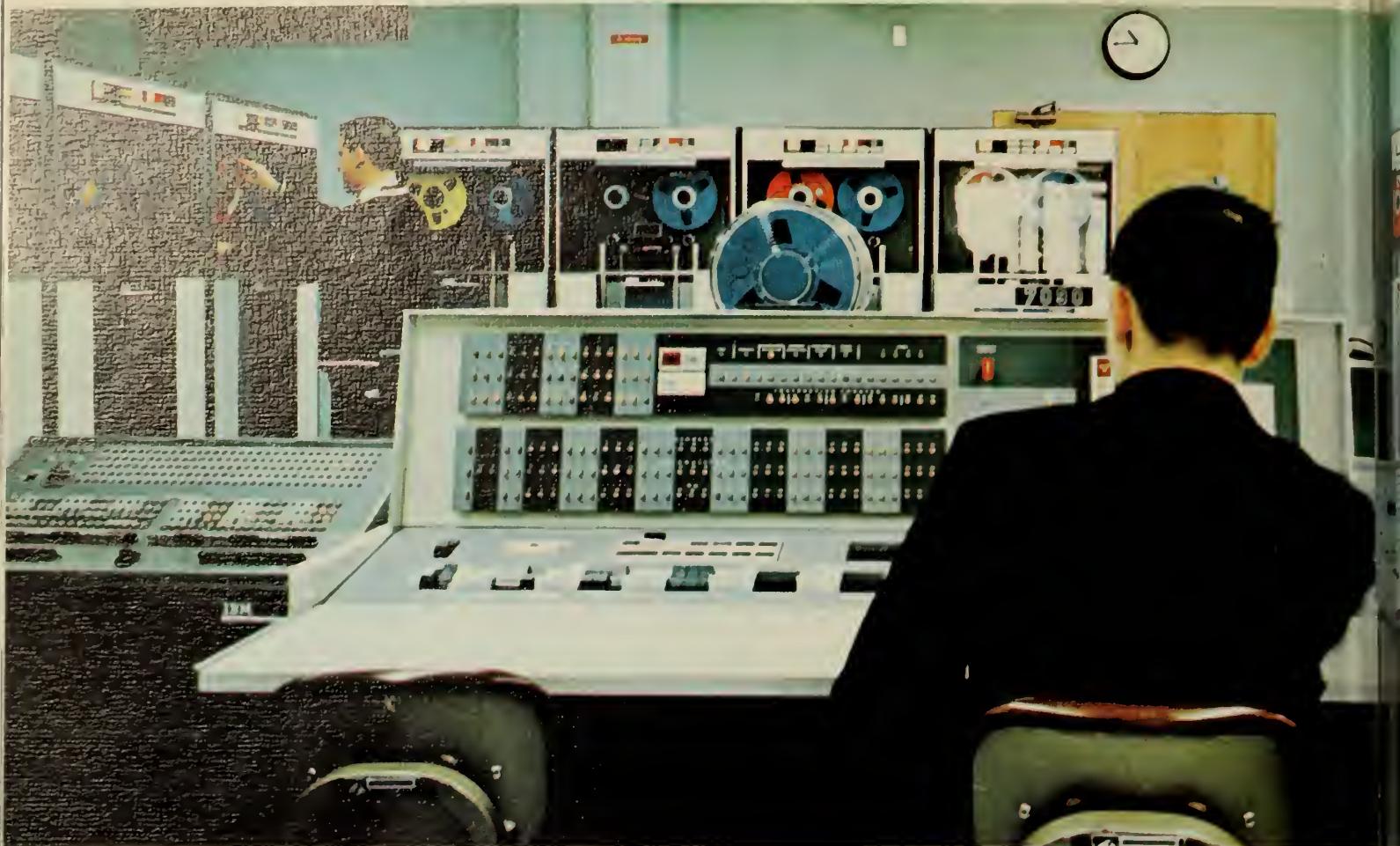
Meeting students, talking and eating with them—discussing things of common interest, such as home life, hobbies and interests, as well as differences.

Evidently, the Singers have not had the time to get lonesome, since they have been too busy seeing, doing, and learning. Two of them wrote that, next to their next-of-kin, they missed most their "constant companion," one his "little bug (Volkswagen)" and the other, his dog.



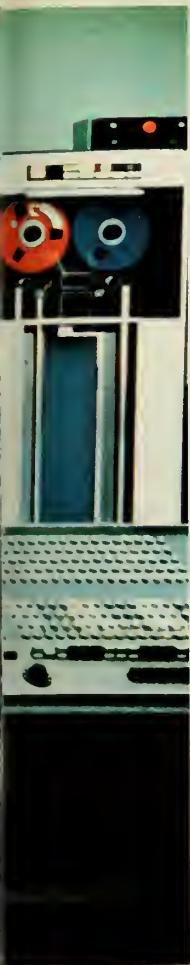
World of Research





Progress in Science

Maryland realizes the importance of the physical sciences and is developing facilities to complement their growth. A new Computer Science Center solves lengthy problems; wind tunnels teach the principles of air flow; and algae is tested as a source of food and oxygen in outer space.







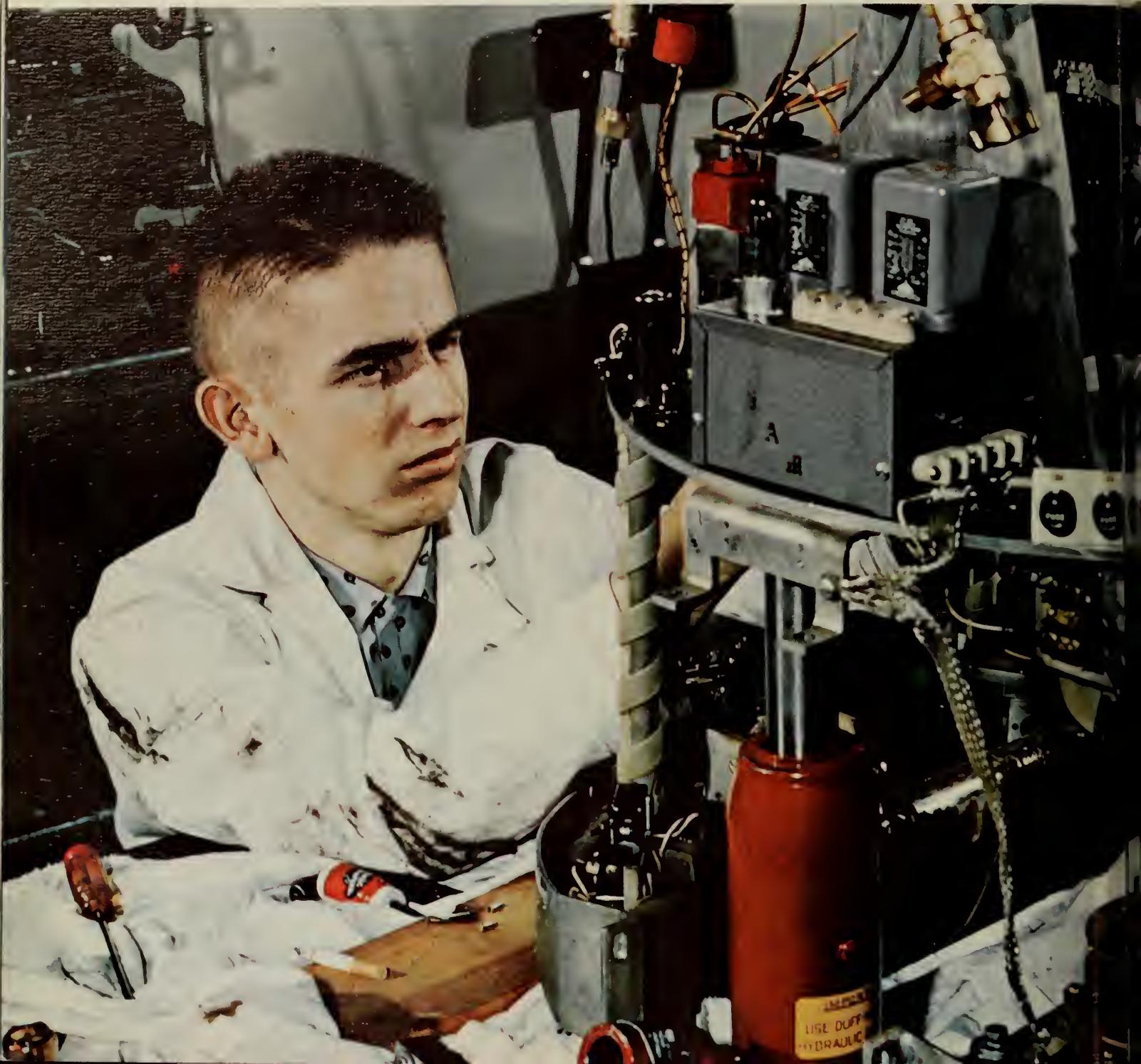
An Atomic Age Lab

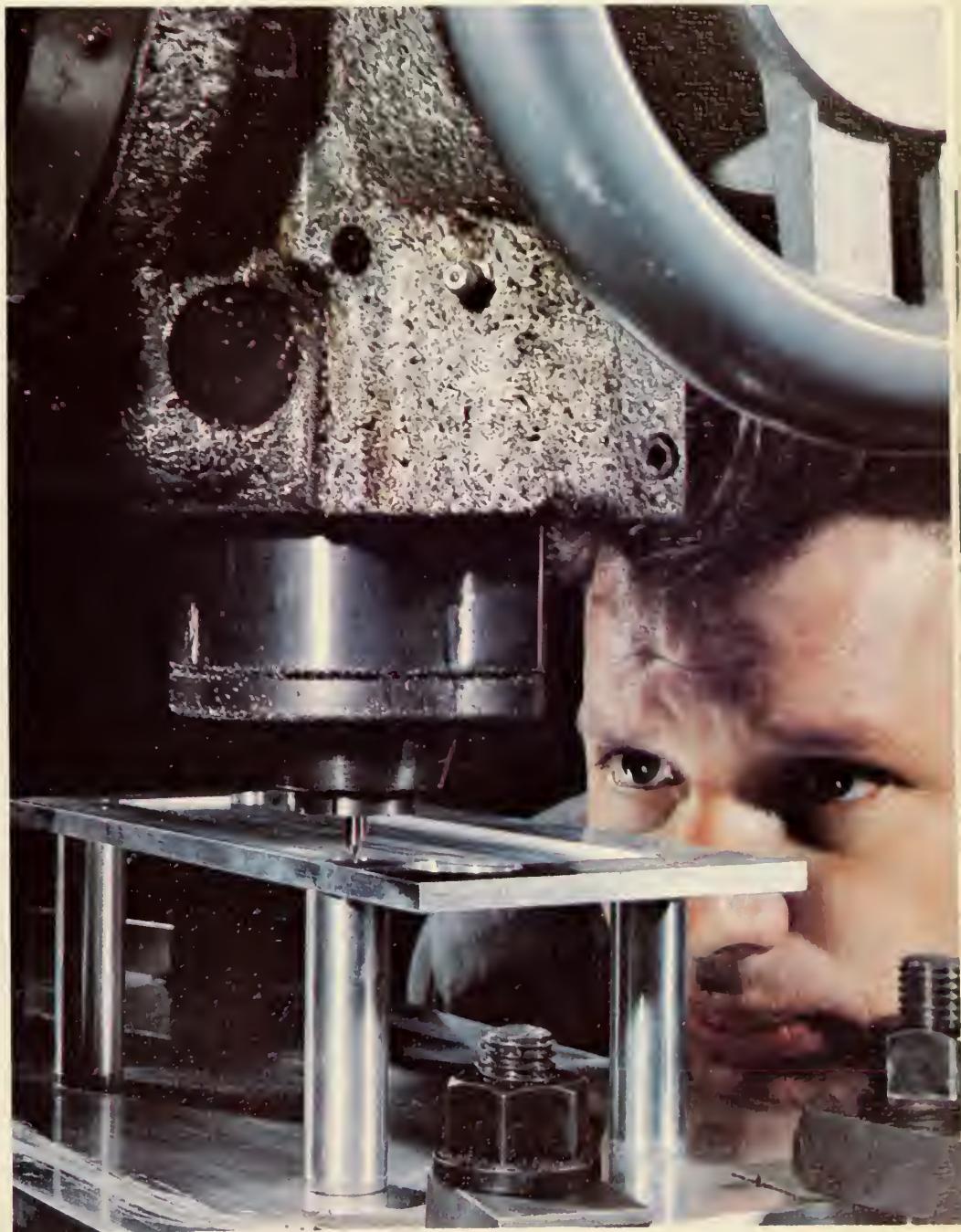
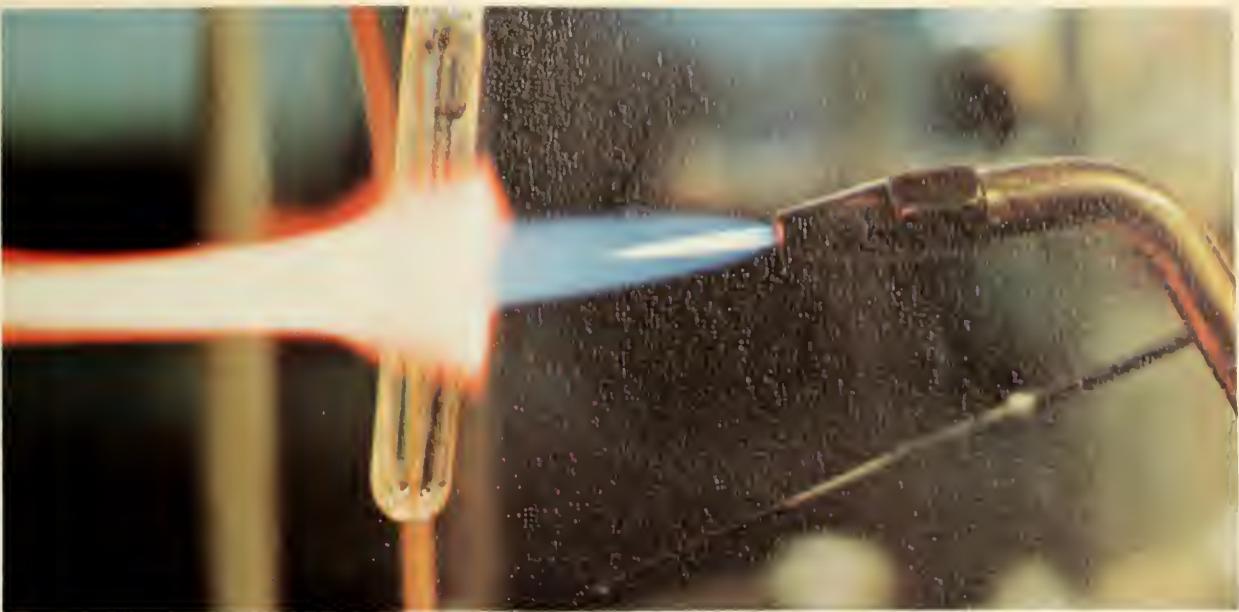
A nuclear reactor is an object of quiet strength. Its only outward appearance of being in operation is a soft blue glow; inside, it is harnessing the fires of Hell for the benefit of mankind. To further the understanding of nuclear theory, the reactor serves as the central radiation facility to be utilized by graduate students from many countries in their research theses and projects.



Do-It-Yourself Tools

Much of the apparatus used for research is built and maintained on the campus. Engineers have constructed a wind tunnel; chemists become glass blowers; and the Physics Department has its own machine shop and technicians.







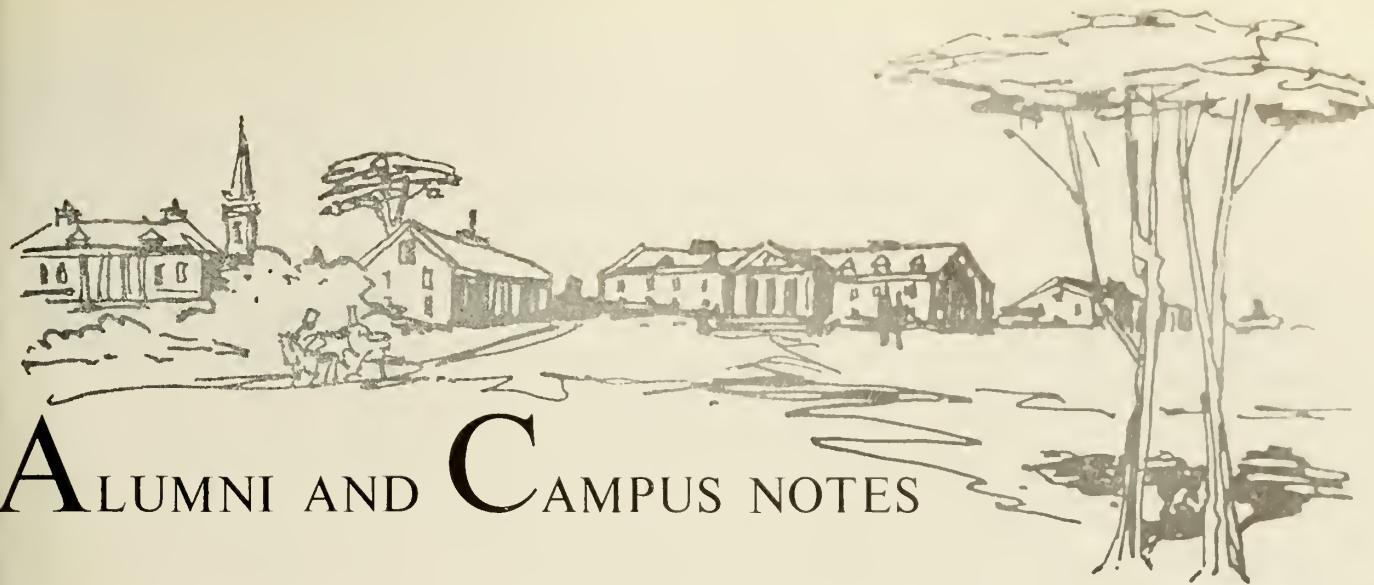
Today's Challenge

*Extensive research is being done
to better our world.
From the lowly rat
making his contribution
in psychology
to the student engaged
in the study of audio dynamics,
Maryland has joined
in the crusade
for scientific development.*

Photographed by Emory Kristof

Lithographed by
H. G. Roebeck & Sons
Baltimore 18, Maryland





ALUMNI AND CAMPUS NOTES

UNIVERSITY CALENDAR OF EVENTS

MAY

- 13 AFROTC Day
- 13 Tennis, Navy, Away
- 14 Baseball, Virginia, Home
- 16 Baseball, Penn State, Away
- 16 Golf, Navy, Away
- 16 Lacrosse, Hopkins, Away

28 Pre-Examination Study Day

29-June 5 Spring Semester Examinations

31 Baccalaureate Exercises

JUNE

6 Commencement Exercises

15-19 Rural Women's Short Course

22 Summer Session Registration

23 Summer Session Begins

AUGUST

3-7 4-H Club Week

14 Summer Session Ends

New Advances in Steroid Chemistry Announced

A broad new attack on infectious disease was announced at the annual meeting of the American Chemical Society by Dr. Norman J. Doorenbos, Professor of Pharmaceutical Chemistry at the University of Maryland School of Pharmacy.

Dr. Doorenbos, who has been synthesizing chemical compounds called steroids for the past seven years, has come up with a new kind of steroid that kills a whole range of infectious microorganisms—not only bacteria but certain kinds of fungi that cause disease defying all treatment thus far.

Steroids are a group of compounds that include naturally occurring hormones, such as cortisone. Today many steroids are being synthesized in the laboratory and manipulated in various ways to change their chemical and physical character as well as their effects within the body.

Dr. Doorenbos, who presided at the ACS symposium in Philadelphia on heterocyclic steroids, reported work done in collaboration with 14 graduate and post-doctoral students in his laboratory. This group found that substituting a nitrogen atom for one of the carbon atoms in the molecular skeleton of cer-

tain steroids led to the wholly unexpected result of producing a hormone-like compound capable of killing microorganisms.

Dr. Donald E. Shay, who heads the Department of Microbiology in the Schools of Pharmacy and Dentistry at the University of Maryland, and one of his students, Rodney Smith, conducted experiments that established the lethal effects of these nitrogen-containing steroids (called azasteroids) on fungi—molds and yeasts, for example—and a group of bacteria that includes the troublesome "staph" and "strep" responsible for so many different infections.

At the same time, Dr. Herbert Goldberg, at the University of Missouri, was testing the effect of azasteroids on pneumococcus, which besides causing pneumonia may also be responsible for meningitis, empyema, and pericarditis. He found that, even diluted a million times, the azasteroids stopped growth of pneumococcus in culture medium.

Dr. Doorenbos also reported that azasteroids reduce inflammation, as cortisone and hydrocortisone do.

He hopes that the discovery will lead to new steroid drugs that can be safely used in treating many fungus infections as well as bacterial infections resistant to other treatment.

The students who participated with Dr. Doorenbos in the work reported are

Dr. Juanito Abcede, Paul Bossle, Sister Jane Marie Brown, Charles Guyton, Robert Havranek, Chien Li Huang, Kenneth Kerridge, Charles Kumkumian, Dr. Leon Milewich, Masako Nakagawa, Vithalbhai Patel, Kenneth Scott, Arvin Shroff, Richard Tamorra, Frank Tinney, and Mu Tsu Wu.

Dr. Doorenbos has also been invited to discuss his work at a number of other pharmacy schools participating in the visiting scientist program conducted by the American Association of Colleges of Pharmacy with the aid of a grant from the National Science Foundation.

The investigation was supported by a research grant from the U. S. Public Health Service and by gifts of steroid-starting materials from the Cancer Chemotherapy National Service Center.

Nurses' Alumni Publications

The University of Maryland Nurses' Alumnae Association is presently compiling a directory of all graduates from the University of Maryland School of Nursing. It is scheduled to be published in the Fall of 1964. Alumni who have recently married or moved, please notify Mrs. Bessie Lee Arnurius, 930 Dulaney Valley Road, Towson 4, Maryland.

The *Bulletin*, the annual official publication of the University of Maryland

Nurses' Alumnae Association will feature the 75th anniversary of our Alma Mater. Should you be interested in this special publication, forward two dollars per copy to Mrs. Shirley G. Bernstein, 1005 Flagtree Lane, Pikesville 8, Maryland. Please make all checks payable to the University of Maryland Nurses' Alumnae Association.

Symposia Papers Published

Two volumes of the University of Maryland Symposia in Government and Politics were published in April by the Van Nostrand Company. The volumes represent a collection of papers presented at symposia held in 1961 and 1962 at the University under the sponsorship of the Department of Government and Politics.

The Role of Theory in International Relations, which contains the papers presented at the symposium held in 1961, was edited by Dr. Horace V. Harrison, Professor and Director of Graduate Studies in the Department of Government and Politics. The essays are directed to a consideration of how to proceed with the task of building a coherent body of theory in international relations.

Contributors to this volume include Professor Harrison; Professor Quincy Wright, University of Virginia; Kenneth W. Thompson, Director of the Social Sciences Division of the Rockefeller Foundation; Professor William T. R. Fox, Director of the Institute of War and Peace Studies, Columbia University; and Professor Hans J. Morgenthau, Director of the Center for the Study of American Foreign and Military Policy, University of Chicago.

Systems of Integrating the International Community, which contains the papers presented at the symposium held in December, 1962, was edited by Professor Elmer Plischke, Head of the Department of Government and Politics. The papers in this volume analyze the various systems of international integration—confederal supranational, federal, and communist inter-party coalescence.

Contributors to the second volume include Professor Plischke; Dr. Francis Wilcox, Dean of the School of Advanced International Studies, The Johns Hopkins University; Professor Arnold Zurcher, Co-ordinator of the Department of Government and International Areas Studies Program, New York University; Dr. Carl J. J. Friedrich, Eaton Professor of the Science of Government, Harvard University; and Dr. W. W. Kulski, Professor of International Relations at Syracuse University.

The symposia of which these volumes are a product constitute the continuation of a series of some half dozen occasional "Lectures in Public Affairs,"

commencing in 1956 and held under the co-operative sponsorship of the Bureau of Governmental Research and the Department of Government and Politics of the University of Maryland.

Baltimore Club Meets

The University of Maryland Alumni Club of Greater Baltimore, Mr. Arthur G. Van Reuth, President, held its second meeting of the season on March 13th in the Baltimore Student Union. The "Continuing-Education Program" is an annual event highlighted by a speaker from the College Park campus.

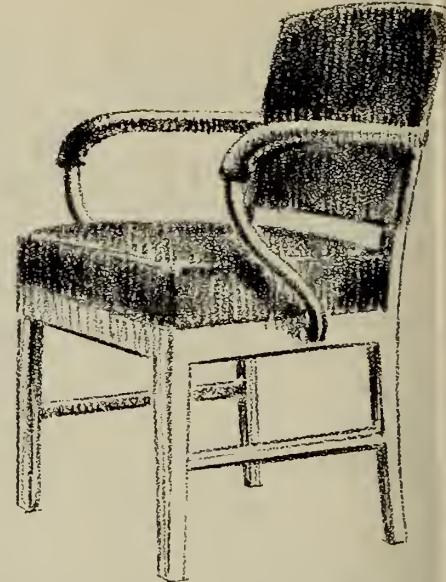
International scholar and author, Dr. William T. Avery, Professor and Head of Classical Languages and Literature Department, College Park, was the speaker of the evening. His topic, "Echoes from Olympus", was so informative and stimulating that requests were made for its publication.

The group was also privileged to hear a brief report of the University's progress from President Wilson H. Elkins.

Preceding the program, a buffet supper was served in the main dining hall of the Union.

Chairman of Arrangements, Dr. Edward D. Stone, Jr., was assisted by the following Committee: Mrs. W. G. McKenney, Miss Beatrice Marriott, Mr. J. Lloyd Shaffer, Jr., Mr. James O. Proctor, Mr. H. Russell Knust, Mr. Ernest Trimble, Dr. Frank J. Slama, Mrs. Emma E. Hipp, Mrs. Arthur I. Bell, and Miss Beatrice Y. Jarrett. Dr. William H. Triplett, Secretary-Treasurer, served as Reservations Chairman.

The Baltimore Alumni Club customarily holds four meetings a year. The first, an Oyster Roast, was held in January at the Baltimore Engineers' Club with capacity attendance. The remaining two, which will round out the year, are the Annual Meeting and Election of Officers on Thursday, May 21st, and the Picnic-Crab Feast on Saturday, July 11th. All Alumni residing in the Greater Baltimore area are cordially invited to join the Club.



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To continue study on the role of allergy in certain skin diseases.

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\$10,765.

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For support of a summer institute in science for secondary school teachers of biology.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF BOTANY
\$52,000.

*

For support of research on the metabolism of steroid hormones.

NATIONAL INSTITUTES OF HEALTH TO UNIVERSITY OF MARYLAND CLINICAL STUDY CENTER
\$14,917.

*

To provide funds for research on the properties of gases and plasmas in high speed flow.

U. S. AIR FORCE TO INSTITUTE FOR FLUID DYNAMICS AND APPLIED MATHEMATICS
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*

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NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF PHYSICS AND ASTRONOMY
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*

For support of a summer science training program for secondary school students.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF PHYSICS AND ASTRONOMY
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NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF MATHEMATICS
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Alumni Club Organized

The University of Maryland School of Medicine Alumni Club for the Greater Washington Area was organized in September of this year and the first meeting was held in October.

A luncheon meeting was held on November 20, in conjunction with the 31st Annual Scientific Assembly of the D.C. Medical Society. It is planned to make this luncheon an annual event at the time of the annual meeting of the D.C. Medical Society.

Serving as officers of the Club for terms of two years are: Dr. Irving Burka, president; Dr. Leo T. Brown, vice-president; Dr. Gerald D. Schuster, secretary-treasurer; Dr. S. Charles Jones, Dr. Benjamin Isaacson, and Dr. James T. Estes, members of the Executive Committee.

Medical Alumni Meet in Annual Reunion

The annual reunion of the University of Maryland Medical Alumni Association was held May 7, 8, and 9 in Baltimore.

This year for the first time, the Medical Alumni Association met concurrently with four groups of physicians who received their training at University Hospital. Each of the specialized groups had scheduled scientific sessions.

Highlight of the Medical Alumni Association activities was the presentation of the Alumni Honor Award and Gold Key to Dr. Hugh R. Spencer, Professor Emeritus, who retired as Head of the Pathology Department in 1956.

Dr. Gibson J. Wells, President of the Medical Alumni Association, opened the business meeting and general assembly in the Health Sciences Library auditorium. Dr. William S. Stone, Dean of the School of Medicine, presented official greetings from the school.

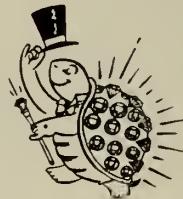
Dr. David L. Dingman, Assistant Resident in Surgery at University Hospital, gave a first-person account of the successful American assault on Mt. Everest last year.

The several scientific meetings convened in the morning and afternoon.

The University of Maryland Surgical Society met in the Health Sciences Library auditorium with Dr. Edwin C. Daue and Dr. Harry C. Hull serving as moderators. Dr. William T. Raby and Dr. John Atkins chaired the University of Maryland Hospital Medical Association sessions in Gordon Wilson Hall.

The Douglass Obstetrical and Gynecological Society of the University of Maryland met in The Psychiatric Institute. Moderators were Dr. Arthur L.

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Haskins and Dr. Richard S. Munford.

Dr. J. Edmund Bradley and Dr. A. H. Finkelstein presided at the meeting of the University of Maryland Pediatric Society in the Baltimore Union.

Reunions of the class of 1914 and every fifth class thereafter were held throughout the three-day period.

Special recognition of 50-year members of the alumni association was made at a banquet at the Lord Baltimore Hotel. Dr. Jack C. Norris, Assistant Clinical Professor of Pathology at Emory University, Atlanta, Georgia, presented the principal address. His subject was "The Ideal Physician—His Confused State in Today's World."

Certificates of life membership were awarded to the following 50-year graduates of the medical school:

UNIVERSITY OF MARYLAND — 1914. Drs. Charles W. Armstrong, Antonio Balart Y Cros, Yates M. Barber, George William Bishop, Lowrie W. Blake, James C. Brogden, Morton M. Brotman, Arthur Casilli, Everett L. Cook, Gilbert L. A. Dailey, Theodore McCann Davis, Walter Lee Denny, Chauncey E. Dovell, Escheverria y Mora, Richard I. Esslinger, George Garland Grazier, Cecil Starke Hassell, Aaron L. Holstein, Morris B. Levin, Nolan D. C. Lewis, John F. Lutz, Charles L. Magruder, Albert D. McFadden, Challiee Haydon Metalf, Maj. Alfred Mordecai, John Charles O'Neill, William F. Rice, Walter L. Richards, George Loutrell Timanus, William Sebastian Walsh, H. H. Warner, David Tressler Williams, Austin H. Wood.

COLLEGE OF PHYSICIANS AND SURGEONS — 1914. Drs. William P. Blaek, O. H. Bobbitt, Manuel G. Carriera, Attie Thompson Gordon, N. A. Hernandez, Howard Carrington Heilman, Jesse J. Jenkins, Harry Stanley Kuhlman, Herbert Leonard Langer, Augustin R. Laugier, Joseph Lipskey, John E. Maher, Erwin Mayer, John Vineent McAninch, Lt. Col. Frank M. Moose, Manuel E. Pujadaz-Dias, Charles B. Rohr, Richard O. Shea, Ivy G. Shirkey, Byron William Steele, Frank Gregory Strahan, and Thurman Elroy Vass.

Certificates were awarded posthumously to physicians who have died during their fiftieth anniversary year. They include the former Drs. John Robert Agnew, Frank John Ayd, Clair Crouse Henderson, Merrill F. Hosmer, James W. Katzenberger, Abraham Schapiro, and Raymond M. Troxler.

Dr. Edward F. Cotter was chairman of the reunion arrangements committee.

The 25th reunion of the Class of 1939 of the School of Medicine was held on Saturday, May 9, on the Baltimore Campus.

Raymond M. Cunningham served as chairman of the 25th reunion committee, assisted by Harry Beek, James Ceinos, Bernard Kleiman, Dexter Reiman and Ramsay Thomas.



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MONTGOMERY JOHNS

by Theodore L. Bissell



Dr. Johns is seated to the right.

Maryland College Teacher of the Mid-Nineteenth Century

SHORTLY BEFORE THE CIVIL WAR the Maryland Agricultural College, which later merged into the University of Maryland, opened near Bladensburg, Prince George's County.¹ The war period and following years were very difficult for the new school—it was hard to keep either a student body or faculty.² One of the numerous teachers in the early days was Montgomery Johns, a graduate in medicine, a man of some skill in writing, and also of some financial means. In fifteen years he held five different teaching positions.

Montgomery was the son of Henry Van Dyke Johns, native of New Castle, Delaware, and Lavinia (Montgomery) Johns.³ The elder Johns was an Episcopal clergyman and held churches in Washington, D. C., Rochester, N. Y., Cincinnati, Ohio, Frederick, Maryland, and finally Baltimore.^{4,5,6} Other members of the family were prominent in politics (Delaware) and church (Virginia). Montgomery was born in Washington, D. C., during his father's ministry at Trinity Church in that city, 1827 to 1830.^{7,8} Henry was also

chaplain of the Senate while his brother Kensey, Jr., was a member of the Congress from Delaware.^{9,10,11} Thus, the boy had the advantage of a cultured and cosmopolitan rearing. I have no information on his early schooling.

Montgomery was a graduate of Princeton University, or College of New Jersey as it was then known, Class of 1847.¹² This happened to be the year of the first centennial of the College and members of the class were awarded diplomas (A. B. degree) during the elaborate celebration. Montgomery Johns was listed as from Maryland, and James Montgomery Johns, who may have been a close cousin, as from Delaware.

The 1850 Census of Baltimore lists Johns as a teacher. About 1851 he entered the University of Maryland Medical School and in 1853 received the M.D. degree.¹³ The same year there was published in Philadelphia, under the authorship of Montgomery Johns, "A clinical phrase book; in English and German, containing the usual questions and answers employed in examining and prescribing for patients—with an English-German and German-English pronouncing lexicon, grammatical appendix, table of idioms, . . .". This book in octavo, 16 cm high and containing 308 pages indicates a thorough knowledge of both medicine and the German language. In the preface the author explains the need for such a work among the many immigrants in the cities along the Atlantic Coast and further proposes the cultural value of learning German. "These materials . . . have accumulated during the daily attendance of instruction in the hospital connected with the University of Maryland. . . . My mode being Racamier's plan." Rabbi Abraham Rice of Baltimore aided in translations. "To my brothers who have kindly shared with me every portion of the work, and the labor of reading the proofs, I am deeply indebted".

After receiving his degree Montgomery was Professor of Natural Science at Baltimore City College for about a year.¹⁴ Another source lists him as Professor of Chemistry at Maryland Institute.^{15,16} In 1857, apparently for a short time only, he was Professor of the Practice of Medicine at Iowa College.¹⁷

On September 16, 1857, Johns married Salome Lydia Diffenderfer of Baltimore who lived 1834 to 1914.¹⁸

About this time Johns took the chair of Mathematics and Natural History at Washington College, Chestertown and continued there until 1860. The George Avery Bunting Library of the College has several papers relating to him.¹⁹ First is a letter from Johns, about a former student, Joseph T. Burchinal, and an ae-

¹The opening date was October 5, 1859. The occasion was fully reported in the *Baltimore American and Commercial Advertiser*, and other Baltimore and Washington newspapers of October 6.

²*The Country Gentleman*, Albany, N. Y., October 24, 1861, reporting on the condition of M. A. C., said "some teachers, . . . have buckled on their armour and gone to the wars".

³American Historical Co., 1940. *Colonial and Revolutionary Lineages of America*. Vol. 4, see pages 5 to 7.

⁴Smith, Joseph Tate, 1859. *A Discourse on the Life and Character of Rev. Henry Van Dyke Johns, Late Rector*. May 22, 1859. Maryland Tract Society, Baltimore, 48 pages.

⁵Allen, Rev. Ethan, 1869. *Clergy in Maryland, of the Protestant Episcopal Church since the Independence of 1783*. Baltimore. See page 43.

⁶Howard, George W., 1873-1883. *The Monumental City*. Baltimore, 1,002 pages. See page 964.

⁷*Inventory of Church Archives in the District of Columbia (Protestant Episcopal Church)*, Vol. 1, 1940. Washington, 382 + xi pages. Entry 76: Trinity Parish, First rector Rev. H. V. D. Johns, 1827-1830. Services were held first in the council chamber of the City Hall. The first church building was on Fifth St., N. W., between D and E Streets; in 1936 the church was closed. Early records are not available.

⁸The birth date of Montgomery Johns has not been established but his age as recorded in the United States Censuses of 1850, 21; 1860, 32; and 1870, 42; Baltimore, Chestertown, and College Station (College Park), respectively, indicate 1828 or 1829 as the year.

⁹Allen, ibid.

¹⁰*Biographical Dictionary of the American Congress, 1774-1949*. 1950, U. S. Government Printing Office, Washington. Kensey Johns served 1827 to 1831.

¹¹H. V. D. Johns was Senate Chaplain December 13, 1829 to December 19, 1831 according to records of the Secretary of the Senate.

¹²*The First Centennial Anniversary of the College of New Jersey, Celebrated June, 1847*. Princeton, N. J. Printed by John T. Robinson, 1848. 36 pages.

¹³Cordell, E. F. 1903. *The Medical Annals of Maryland, 1799-1899*. Page 455.

¹⁴*Princeton University General Catalogue, 1746-1906*. 1908, Page 172.

¹⁵Cordell, ibid.

¹⁶The Maryland Institute for the Promotion of Mechanic Arts was organized in Baltimore in 1825 "for the instruction and improvement of the masses". It lapsed in 1835 and was reorganized in 1847. G. W. Howard, ibid, pages 41 and 980.

¹⁷*Princeton Catalogue*, ibid.

¹⁸American Historical Co., ibid.

¹⁹Made available by Mr. Robert G. Bailey, Librarian.

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companying letter to Burchinal suggesting to him several openings as a teacher; second, a record of Johns' resignation of June 18, 1860, in the minutes of the Visitors and Governors of Washington College; third, a program of the Commencement exercises held at Chestertown, August 6 to 8, 1860, wherein Dr. Johns is listed as addressing the Mount Vernon Literary Society; and fourth, a letter, Lockerman to Burchinal, which mentions Johns. As Johns in his letter about Burchinal states he taught this man "more than two years", it is concluded that Johns went to Washington College late in 1857 or early the next year as successor to one John Marshall Colby who had resigned in September, 1857.

The name of M. Johns, age 32, Teacher, is recorded in the 1860 Census taken at Chestertown on June 11. With him are his wife, Salome, age 28, and two children, Ann, age 2; and Lavinia, age 8/12.²⁰

Montgomery Johns' incumbency at Maryland Agricultural College began in the second year of its operation, 1860, and continued several years. His name is listed in five successive circulars or catalogs of the College: 1860 to 1865, except 1862 when apparently none was issued, with the lengthy title "Professor of the Science of Agriculture, Chemistry, Geology and Mineralogy". Johns shortened this to "Prof. Chemistry" in the Burchinal letter which was written from the "Laboratory of Agricultural College, Md. Ap. 25, 1862". At the same time he was teaching anatomy at Georgetown Medical College.

A Maryland Agricultural College student, Thomas L. Lockerman, writing May 11, 1861 to his friend Joseph Burchinal in Chestertown tells that Dr. Johns treated him for strained muscles, incurred "tusseling in the passage". He quoted the doctor as saying he might "be troubled with it for a year, or maybe not more than a week"—a noncommittal diagnosis, or possibly an effort to allay the boy's concern. Lockerman also told his friend of soldiers stationed along the road from Washington to the Relay House, "a bad state of affairs". On short rations some soldiers begged food at the College.²¹

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²⁰ Eighth Census, 1860 Free Inhabitants, Kent County, Maryland.

²¹ This letter was published in the University of Maryland Alumni Association Newsletter, Alumni Day 1961. (College Park, Maryland)

Floride Clemson, a visitor at commencement in 1864, found Dr. Johns' lecture on "Literary Culture" or something of the sort, awfully dull and long." And too she was piqued when "Mrs. and Dr. Johns" raised a report that she was engaged to Mr. Onderdonk, President of the College.^{21a} Miss Clemson was understandably more interested in the younger and unattached men on the campus and nearby.

There was an exciting event in July, 1864 when a force of Confederates under Gen. Bradley T. Johnson, cavalry leader and a native Marylander, invaded Maryland Agricultural College. Johnson was working under direction of Gen. Jubal A. Early²² whose force passed through Rockville and threatened Washington, July 11 and 12. The *Washington Republican* in an unsigned article entitled "Disloyalty Unmasked" bitterly accused the M.A.C. faculty—President Onderdonk, Dr. Wharton, Dr. Johns, Mrs. Johns and "Miss Bettie" in particular—of befriending and lavishly entertaining the Rebels and of scorning the Union investigators who came later. The *Baltimore American* (July 22, 1864) reprinted the story and demanded an investigation and purge of the College by State authorities. Dr. Johns replied to the *American* (July 27) with an account of the passage of the troops and of his own actions.

Johns said the rebels stopped on the turnpike in front of Rossburg (presently called Rossborough Inn) ten minutes, then proceeding toward Bladensburg, were met by (Union) skirmishers at "Kenedy's Hill" and turned westward through the campus. Some of the Confederates stopped at the Johns home and demanded food. Johns was taken to see the leader, Gen. Johnson, "his distant Kinsman".²³ Altogether the troops, stated to be five hundred in number, were on the campus "about forty-five minutes." Johns denies disloyalty on his part or that of any other member of the faculty (he names Onderdonk, Wharton, Glover,

^{21a} McGee, C. M. and E. M. Lander Jr. 1961. *A Rebel Came Home*. University of South Carolina Press, Columbia. Page 54.

²² Bradford, N. W. 1956. *Battles and Leaders of the Civil War*. Appleton-Century, N. Y. Pages 527-537, "In sight of the dome of the Capital," by J. A. Early.

²³ Montgomery's uncle, Bishop John Johns, married Julianna Johnson, Aunt of Bradley Johnson. See John Sumner Wood, *The Virginia Bishop*, Garrett and Massie, Richmond, Va., 1961, page 46.

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Lorina, and Mrs. Johns) and asks that judgement be withheld until an investigation, already started by Union authorities, be finished. He referred to his career as a teacher and stated he had lived in Maryland "above suspicion" for 16 years, apparently referring to the beginning of his family's residence in Baltimore when he himself was 20 years of age.

Testimony from several local residents filed with the Union military authorities within two weeks (Baker-Turner file 4091, National Archives) overwhelmingly labeled Johns and his associates as Confederate sympathizers and aides, and apparently they were. However we can not know how prejudiced and partisan the witnesses were. It was a time of strong feeling on both sides.

An important fact of John's tenure at the Maryland Agricultural College is that he invested \$6,800 in the bonds of the College, dated July 1, 1860, thus showing confidence in the new endeavor.²⁴ But the College could not redeem the bonds in the allotted five years and instead deeded to Johns on May 6, 1865, 62½ acres of land, "together with the buildings and improvements thereon erected" from the southern edge of the college property of 428 acres, known as the Rossburg farm.²⁵ In addition to the surrendered bonds Johns paid for the property \$855.15. The bonds were secured by a first mortgage executed to Johns Hopkins^{25a} and George William Brown of Baltimore and George W. Rigges of Washington, trustees for holders of the bonds. Dr. John C. Wharton, Register of the College, was appointed attorney for execution of the deed and James T. Earle signed it as President of the College.

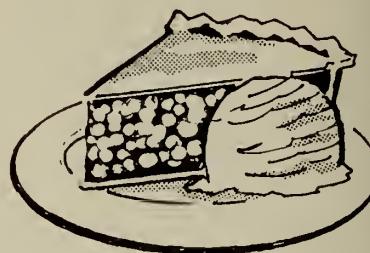
The Johns property, which became known as Homeside or Woodside, had a substantial house which stood

²⁴ Montgomery's father, H. V. D. Johns, died April 22, 1859, leaving a considerable estate to his wife and six children. Montgomery received real estate in New Castle, Delaware, and about \$12,000 in ground rents and cash. Thus he had the ready money to invest in the College bonds.—Will probated June 24, 1859, Office of the Register of Wills, City of Baltimore. Examined for me by my brother, Paul F. Bissell, December 7, 1959.

²⁵ Deed Maryland Agricultural College to Johns, Prince George's County Land Records. Liber F. S. No. 2, pages 633-635.

^{25a} Johns Hopkins was a third cousin of the Rev. Dr. Henry Van Dyke Johns. *The Virginia Bishop*, p. 153. (Note by John Sumner Wood.)

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²⁶ 4313 Knox Road, College Park.

²⁷ Report of the Trustees of the Maryland Agricultural College to the Legislature of Maryland, January Session, 1864. Baltimore. 15 pages and table of course of studies.

the Maryland Agricultural College was Townend Glover, "Entomologist of the United States. Professor of Natural History, Botany and Pomology". Glover played with Johns' children, according to Anna Hopper Evans, his granddaughter,²⁸ and later helped one child, Lavinia, and her husband to become established in Baltimore. Glover spent his last years with Lavinia Johns Hopper whom the biographer C. R. Dodge calls Glover's "adopted daughter".²⁹

On August 17, 1869, Dr. Johns and his wife Salome Lydia Johns deeded, for the sum of \$200, two acres of Woodside farm to James Stewart. Johns marked the corners of the plot with marble stones.^{30,31}

Johns' most significant work was as teacher in the Medical Department of Georgetown College, District of Columbia, for some nine years in the 1860's. The school was opened in 1851 and grew considerably during the Civil War period with the demand for military surgeons. (1862, 3 graduates; 1865, 20; 1868, 47). Johns' title was Professor of General Microscopic and Descriptive Anatomy, changed in the last years to Professor of Anatomy, General and Descriptive. He served from September 11, 1861, to June 18, 1870, when he resigned "in a huff". Lectures were given in the evenings beginning at "5½ PM", Monday through Saturday. Prof. Johns in 1869 was scheduled on Mondays and Wednesdays at 8½ PM.

The medical school was located in downtown Washington, first at 12th and F Streets and later at 10th and E Streets, N. W., and Johns may well have used the Baltimore and Ohio Railroad from and to his home at "Woodside".

In 1868 the medical faculty of eleven men had themselves photographed and presented a copy to Georgetown College. Our picture of Johns is reproduced from this copy.³²

The Library of Congress has copies of two printed addresses by Johns, "Valedictory, delivered at the commencement of the Medical Department of Georgetown College, March 3, 1862", and "Address—delivered at the opening of Georgetown College, October 1, 1868". The first has 16 pages, the second 23. The valedictory to graduating students in 1862 is beautifully written as an inspiration to new medical practitioners. Johns emphasizes devotion to one's chosen profession and the need to build on one's experiences

Johns pays tribute to one of his teachers Joseph Roby, at the University of Maryland eleven years before, and reviews his association with the Georgetown students during the past year. He concludes with an admonition against forgetting the teachings of literature, philosophy and religion.

The address given at the opening of school in 1868 is also of an inspirational nature. By sketching the practice of medicine from ancient times to the present Johns stresses the need of dignity, a good appearance, "Kind politeness and polite kindness" to patients, and the compulsion of constantly improving the "science and art of medicine". Johns looks forward to the instruction to be gained from the large collection of "good and bad medicine and surgery" in the army medical museum assembled in Washington during the "recent American rebellion."

Each address is prefaced by a letter from students asking for publication of the talk just given, and an apology from Johns on the hasty preparation. This may have been a customary relation between pupil and teacher. The second letter Johns writes from Woodside, his home near the M.A.C. campus.

During the Civil War Johns served as a surgeon in Washington and paid a substitute in lieu of military service, says Mrs. Evans, but we find no record of this.

In 1866 he was granted an honorary M.D. degree by the University of Pennsylvania and an honorary Ph.D. degree by Princeton University.³³

Montgomery Johns died July 28, 1871 at Bladensburg (College Park) and was buried in Greenmount Cemetery, Baltimore.³⁴

²⁸ Mrs. James H. Evans, Wellesley Hills, Massachusetts, daughter of Lavinia, personal communications, April to October, 1959.

²⁹ Dodge, C. R. 1888. *The Life and Entomological Work of the Late Townend Glover, First Entomologist of the U. S. Department of Agriculture*. USDA, Division of Entomology. Bulletin 18, 68 pages.

³⁰ Prince George's County Land Records, Liber H. B. No. 2, page 681.

³¹ The Ninth Census taken August 1870 for College Station, Bladensburg District, Prince George's County, Maryland, lists at the top James Stewart, Laborer, and Isabella Stewart, natives of Ireland. Following immediately are the names of Montgomery Johns, age 42, Physician, born Dist. Columbia; Salome, 37; Nancy, 12; Lavinia, 11; Henry, 8; and three servants. This census also gives the names of President Register and several professors of the College, with their families, and of 66 young males who must have been college students.

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³² Besides the catalogs of the College and its Medical Department, the Georgetown University Library has two unsigned manuscripts "Chronicle of the first fifty years of the Georgetown Medical School" and "History of the Medical School of Georgetown University, 1900", from which several items have been drawn. These and the photograph were made available by Father W. C. Repetti, S. J., Archivist.

³³ *Princeton University General Catalogue*, ibid.

³⁴ Records of St. Lukes Church, Bladensburg, Md., in St. Matthews Parish Hall, Hyattsville. Jno. B. Williams was the clergyman of St. Lukes. He recorded that Dr. Johns was baptized, confirmed, and a communicant of the Protestant Episcopal Church.

In The Next Issue:

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Volume XXXVI May-June Number 3



THE COVER: Under completion this summer are four major buildings: The Adult Education Center, The Fine Arts Building, Elkton Hall (a dormitory), and the College of Education and General Classroom Building. Pictured on the cover are workmen waiting for a cargo of brick for the Fine Arts Building. Anne Arundel Hall is in the background. Two other inside cover photographs require description. On the page opposite are Mrs. Erna R. Chapman, '34, newly-elected President of the Alumni Association; and Col. J. Logan Schutz, '38, newly-appointed Director of the University's Office of Alumni Affairs. Biographical sketches of Mrs. Chapman and other new officers of the Alumni Association will appear in the next issue. Both of these photographs were taken by Doran Levy, a student assistant in the University's News Bureau. The other photograph, on the inside back cover, shows Capt. Donald E. Koelpner, USMC, 32 years of age, who served as an advisor to the Fourth Marine Battalion of the Republic of Viet Nam. Smiling Donald Koelpner loved children. This photograph shows youngsters following him in a South Vietnamese village. Capt. Koelpner was six semester hours short of obtaining a Bachelor of Science degree from the University of Maryland, when on February 16, he was killed by a bomb in a Saigon movie house. When he caught sight of a terrorist placing a bomb in the theatre where 500 Americans and their dependents were sitting, Capt. Koelpner ran down the aisle shouting: "Everyone get down. There's a bomb!" The bomb exploded and Capt. Koelpner was killed by falling debris. Donald Koelpner didn't want to be a hero. He wanted to be a history professor.

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The Class of 1964 is Graduated

THE MARSHALL EXTENDED THE MACE TOWARDS THE organist—the strains of the “March of the Priests” from *Athalie* by Mendelssohn boomed over the filled-to-capacity Cole Activities Building—and Commencement Exercises, 1964, were officially underway at the University of Maryland.

This was the moment that 3,727 graduates had been waiting for—when they would at last file into the Field House, with all the pomp and circumstance due them—and receive their diplomas. Celebrating with them at 10 a.m. Saturday, June 6, were more than 12,000 parents, relatives and friends, who proudly watched as President Wilson H. Elkins conferred academic degrees upon the candidates.

The Rev. Mr. Merrill A. Stevens, Episcopal Chaplain at the University, delivered the Invocation, after which greetings were extended by the Honorable Thomas B. Finan, LL.B. '39, Attorney General of the State of Maryland.

Mr. Finan extended his own personal congratulations as a fellow alumnus, as well as those of Governor Tawes, who could not attend the exercises because his presence was required at the Governor's Conference in Cleveland.

“Your commencement day represents a triumph for each of you—and your parents,” said the Attorney General. He said that the University of Maryland, more than any other, can be called “The University of the World” because of its instructional programs available to servicemen at campuses abroad.

Charles P. McCormick, Chairman of the Board of Regents, also greeted the graduates and advised them, “You will be happier if you fear not the future and weep not over the past.” And he concluded with, “Have courage and faith, and work diligently, and you’ll have happiness.”

Principal commencement speaker was Stuart T. Saunders, Chairman of the Pennsylvania Railroad Company, who told the graduates that the world of today is far more difficult and complicated than it was when they entered it only about two decades ago, “for it is a world shrunken by the jet and the missile and frightened by the atom.

“Yet, in many respects, it is a world in which you are better prepared to make your own way than your parents and grandparents,” he continued. “For you have the advantages of flexibility, of open-mindedness, and of adaptability to change which regrettably seem to diminish as one advances in years.

“The manner in which you accept the responsibilities, seek solutions to the unsolved problems you have inherited, and exercise your prerogatives of choice and decision could very well make the difference, within your lifetime, between the renewal or the decline of democracy as we know it,” he said. “The primary assignment for your generation is the development, within our relatively mature society, of a satisfactory, workable framework within which continuous innovation and reinvigoration of our democracy can occur.”

The greatest problem for the graduates, Mr. Saunders



happiness' should have been written as 'life, liberty and happiness of pursuit,'" he said. "I believe most people of my generation recognize that true happiness lies in the pursuit of worthwhile objectives . . ."

Mr. Saunders continued by asking the graduates to involve themselves, "to establish a purpose for your life and commit yourselves to values which you can sincerely cherish. Much talent is wasted and much potential is unrealized because of a general sense of aimlessness and drift."

He warned the graduates that their lifetimes are likely to be filled with tumult and competition—demanding and challenging, yet bristling with opportunity for the strong, the courageous and the well-prepared, and he concluded that "As free individuals, you must respond to these challenges. You must set your own difficult goals and be your own hard taskmasters. The true measure of a man, a nation or a civilization is the ability and the will to face crisis with courage and determination."

Following Mr. Saunders' address, he was presented for the honorary degree of Doctor of Laws by Dr. Albin O. Kuhn, Executive Vice President. Mr. Saunders, who assumed the chairmanship of the Pennsylvania Railroad last year, received the Bachelor of Arts degree from Roanoke College in 1930 and the Bachelor of Laws from the Harvard Law School in 1934. He practiced law in Washington, D.C. and then began service with the Norfolk and Western Railway. In 1958 he became President of the Company. He serves as Director of a number of banks and other companies and is a member of the President's Advisory Committee on Labor-Management Policy; the President's Business Committee for the National Cultural Center; and the Virginia Museum of Fine Arts; and serves as Trustee for Roanoke College, Hollins College, the Virginia Foundation for Independent Colleges, the John Fitzgerald Kennedy Library Corporation, and the Foundation for Independent Colleges, Inc. of Pennsylvania. He is the recipient of the Salzberg Medal for Distinguished Contributions to Transportation, and the Hampton Roads Maritime Association Award for Distinguished Service.

An honorary Doctor of Laws degree was also conferred upon the Honorable Emory Hamilton Niles. Judge Niles was presented for the degree by Dr. William P. Cunningham, Dean of the School of Law. Judge Niles served as Chief Judge of the Supreme Bench of Baltimore City from 1954 to 1962. He began his service with that body as Associate Judge in 1938. Johns Hopkins University conferred on him the Bachelor of Arts degree in 1913 and he studied as a Rhodes Scholar from 1913 to 1916 at Oxford University, receiving from that school the degrees of Bachelor of Arts, Master of Arts and Bachelor of Civil Law. He received the Bachelor of Laws degree from the University of Maryland in 1917. He was a lecturer at the University from 1925 to 1956 in the laws of admiralty and evidence. He also lectures on medieval jurisprudence at the Johns Hopkins Medical Institutions. Judge Niles is a member of the American Bar Association, the Baltimore City Bar Association, and the Maryland Bar Association and has served in executive positions in these bodies. He is now President of the Institute of Judicial Administration of New York, and is an Honorary Fellow of Hertford College, Oxford. He is the founder and Editor of *American Maritime Cases*.

Dr. Russell B. Allen, Associate Dean of the College of Engineering, presented for the honorary degree, Doctor of Engineering, Stanton Walker, Director of Engineer-

said, is how to become mature without losing flexibility and responsiveness. "The knowledge which you have acquired here at the University of Maryland—the educational basis upon which you will continuously enlarge—will help you find answers to this problem," he stated.

"I am not willing to concede that you young people, as individuals, cannot bring new vitality to the old ideals; that you cannot replenish the reservoir of philosophical, political and religious traditions in which our ideals of freedom are nourished," said Mr. Saunders. "I am firmly convinced that you are equipped, through your heritage, your own ingenuity and your unique preparedness for the kind of civilization you face, to develop progressively the moral and ethical values which give cohesion to our otherwise divergent and pluralistic society."

Freedom is the existence of alternatives or choices, Mr. Saunders said, "and you have today a multiplicity of choices far beyond those of other generations. Modern transportation and communication have opened to you horizons unlimited, with abundant opportunity to compare your culture, your attitudes and ideas, with those of people all over the world."

Mr. Saunders continued, "If we can be certain of anything, it is that we can never return to a simple life. . . . Whether or not you utilize change to your advantage or are consumed by it depends upon how well you measure up to the challenges of your time."

"Sometimes I think that 'life, liberty and pursuit of

ing Emeritus of the National Sand and Gravel Association and the National Ready Mixed Concrete Association. Mr. Walker was responsible for the establishment in 1938 of the Joint Research Laboratory at the University of Maryland, beginning a relationship between the University and the two associations unique in engineering. He was also responsible for the establishment of the Research Fellowship Foundation which supports study and research leading to the master's or doctor's degrees in engineering. He also established at the University the Annual Short Course on Concrete and Concrete Aggregates. Mr. Walker has served as a member of the Executive Committee of the American Society for Testing Materials, President of the American Concrete Institute, and as a member and Chairman of the Executive Committee of the Highway Research Board.

An honorary Doctor of Letters degree was bestowed on Dr. René Wellek, Sterling Professor of Comparative Literature and Chairman of the Department at Yale University. Dr. R. Lee Hornbake, Vice President for Academic Affairs, presented Dr. Wellek. Dr. Wellek is currently President of both the International and the American Association of Comparative Literature. His principal books are *Kant in England*, *The Rise of English Literary History*, *Theory of Literature*, *A History of Modern Criticism*, *Concepts of Criticism*, and *Essays on Czech Literature*. Dr. Wellek received his Doctor of Philosophy degree from the University of Prague in 1926. He has taught at Princeton University and the University of Iowa in this country, and in Czechoslovakia and Great Britain. He has been in residence at Yale since 1946. In 1959, Dr. Wellek received the Prize for Distinguished Service to Humanistic Scholarship of the American Council of Learned Societies.

Artist Andrew Wyeth received the honorary degree, Doctor of Fine Arts. Mr. John Lembach, of the Department of Art, presented Mr. Wyeth. Mr. Wyeth's temperas hang in most of the major American museums: the Metropolitan Museum of Art, the Modern Museum of Art, the Milwaukee Art Center, the Wilmington Society of Fine Arts, the Addison Gallery of American Art, the Toledo Museum of Art, the Philadelphia Museum of Art, the Pennsylvania Academy of Fine Arts, the William A. Farnsworth Library and Art Museum, the Shelburne Museum, the New Britain Museum of American Art, the Wadsworth Atheneum and the Currier Gallery of Art. In 1963, President Kennedy selected Mr. Wyeth as one of the first recipients of the Medal of Freedom—the highest American civilian honor. In December of last year, President Johnson presented it to him with a citation declaring that "he has in the great humanist tradition illuminated and clarified the verities" of life.

Honorary certificates of merit in agriculture were awarded to four Maryland citizens for their contributions to agriculture in the State. They were: Kenneth A. Clark, Talbot County; Harry M. McDonald, Baltimore County; Ruth J. Miller, Harford County; and Charles H. Remsberg, Frederick County.

FOllowing the conferring of honorary degrees and certificates, the 1964 graduates filed onto the stage, each receiving his own diploma from his respective Dean. Dr. Elkins then requested that all parents, wives or husbands, stand so that the new graduates might applaud them for the help they gave them in obtaining their degrees.

Musical selections, "Battle Hymn of the Republic,"

arranged by Waring, and "Thanks Be To God," from *Elijah* by Mendelssohn, were presented by the combined University Choral Groups, directed by Fague K. Springmann.

Officers of the United States Air Force and the United States Marine Corps who successfully completed the ROTC program at the University received their commissions from Colonel Vernon H. Reeves, Professor of Air Science.

Benediction was given by the Rev. Mr. Theodore R. Casper, Lutheran Chaplain at the University, followed by the Recessional to the strains of the March from *Tannhäuser* by Wagner.

Special music for the exercises was furnished by Charlton G. Meyer, University organist; Stewart L. Gordon and Paul P. Traver, pianists. Program coordinators were Professor George F. Batka and Dr. Paul R. Poffenberger. Marshal was Dr. Robert D. Rappleye.

Commencement was preceded by a flurry of activities throughout the various schools and colleges within the University.

The Reverend Walter J. Burghardt, S. J., managing editor of *Theological Studies*, addressed the University of Maryland Class of 1964 at a Baccalaureate Service on Sunday, May 31 in the Memorial Chapel in College Park.

A native of New York City, Rev. Burghardt holds M.A. and Ph.L. degrees from Woodstock College, where he has served as Professor of Patrology and Patristic Theology since 1946. He obtained an S.T.D. degree from the Catholic University of America.

Since 1957, he has served as coeditor of the *Woodstock Papers*. In 1958, he was named coeditor of *Ancient Christian Writers*. He also is president of the Patristic Academy of America and editor for patrology for *The New Catholic Encyclopedia*.



The School of Nursing sponsored several activities in honor of its graduating seniors. On Saturday, May 23, special honors were awarded by Miss Virginia C. Conley, Chairman of the baccalaureate nursing program, to ten graduating nurses at the senior convocation held in the Health Sciences Library auditorium. Recipients were: Louise Stark, Baltimore, Nurses' Alumnae Association Award for the highest average in scholarship; Peggy E. Heffner, Baltimore, the Elizabeth Collins Lee Award, for the second highest average in scholarship; Bonnie Britt, Beltsville, the Mrs. John L. Whitehurst Award, for executive ability; Katherine O'Hare, Hyattsville, the Flora Hoffman Tarun Memorial Award, for leadership,

loyalty, and school spirit; Rebecca Hays, Baltimore, the Mrs. Charles A. Reischneider Award, for the best professional appearance and conduct toward patients and hospital personnel; Patricia Downs, Ridgewood, New Jersey, the Neurosurgical Nursing Prize, for the most interest, enthusiasm, and proficiency in neurosurgical nursing; Connie Cooper, Baltimore, the Elizabeth Aitkenhead Award for the most interest, enthusiasm, and proficiency in the nursing care of surgical patients; Jean Strandquist, Salisbury, the Elizabeth Aitkenhead Award for the most interest, enthusiasm, and proficiency in operating room nursing; Carol Magee, Washington, D.C., the Woman's Auxiliary Board Award, for outstanding performance in professional nursing care; and Karen Keller Dickson, Glen Burnie, the Nurses' Alumnae Association Award for leadership in the professional student nursing organization.

Dean Florence M. Gipe and Dr. R. Lee Hornbake, Vice President for Academic Affairs, greeted the graduating students. Principal speaker was Dr. Matthew Tayback, Deputy Commissioner of Health for Baltimore City and Associate Professor of Preventive Medicine at the School of Medicine.

The Rev. F. Stuart Taylor of Providence Methodist Church delivered the Invocation and the Rev. James P. Koerber of St. Peter of the Apostles Catholic Church, the Benediction. A reception was held in Whitehurst Hall, following the ceremonies.

Other senior activities included the class picnic Monday, June 1 and the cap-stringing banquet on Wednesday, June 3 at Bernie Lee's in Towson. The seniors were also guests of the Nurses' Alumnae Association at the annual banquet and dance on Friday, June 5 at Blue Crest North in Pikesville, which this year celebrated the school's seventy-fifth anniversary. Dr. George H. Yeager, Professor of Clinical Surgery at the School of Medicine, was featured speaker.

Newly elected members of the honorary dental fraternity, Omicron Kappa Upsilon at the Baltimore College of Dental Surgery, Dental School, were announced Wednesday evening, June 3, at the fraternity's annual banquet and convocation at the Lord Baltimore Hotel.

The initiates were introduced by Dr. John J. Salley, Dean of the Dental School. Representing the upper 12 per cent of the graduating class, they were: Lucien Ernest Benoit, Woon, Rhode Island; Albert Edward Carlotti, Jr., Warwick, Rhode Island; Wayne Lance O'Roark, Chevy Chase; Norman Henry Proulx, Manchester, New Hampshire; Rodney Frank Golden, Silver Spring; Edward Robert Emerson and Clark Neamand Foulke, both of Hyattsville; and William Langton Brice, Francis Leon Fraser, Franklin Eugene May, Stanley Martin Plies, and Herbert Barry Taragin, all of Baltimore.

Dr. Louis Kreshtool of Wilmington, Delaware was made an honorary member of the fraternity. A graduate of the University of Maryland Dental School, he is a past president of the Delaware State Dental Society and one of the founders of the Cleft Palate Clinic of Delaware.

Graduates and alumni of the Baltimore College of Dental Surgery, Dental School, were honored on Friday, June 5, at an Academic and Awards Program held at the Health Sciences Library Auditorium.

Dr. John J. Salley, Dean of the Dental School, presented the following student awards: University Gold Medal for Scholarship, Summa Cum Laude, Albert Edward Carlotti, Jr., Warwick, Rhode Island; Certificates of Merit, Magna Cum Laude, Lucien Ernest Benoit, Woon,



Rhode Island, Francis Leon Fraser, Baltimore, and Edward Robert Emerson and Clark Neamand Foulke, both of Hyattsville; The Alumni Association Medal, Stanley Martin Plies, Baltimore; The Harry E. Latcham Memorial Medal, John Nicholas Russo, Wilmington, Delaware; The Harry E. Kelsey Memorial Award, Stephen Michael Grussmark, Miami Beach, Florida; The Harry B. Schwartz Award, Albert Edward Carlotti, Jr.; The Edgar J. Jacques Memorial Award, Glenn Boyd Dickerson, Lexington, South Carolina; The Herbert Freidberg Memorial Key, John Patrick Hackett, Woodstown, New Jersey; The Timothy O. Heatwole Chair, Charles Edward Toomey III, Baltimore; The Katharine Toomey Plaque, Wayne Lance O'Roark, Chevy Chase; The Grayson W. Gaver Memorial Award, Robert Lore Early, Adelphi; The Sigma Epsilon Delta Memorial Medal, Herbert Barry Taragin, Baltimore; The Alexander H. Patterson Memorial Medal, Albert Edward Carlotti, Jr.; The Alpha Omega Scholarship Award, Albert Edward Carlotti, Jr.

The Honorable Wilbur J. Cohen, Assistant Secretary of Health, Education, and Welfare, was the speaker at a convocation honoring the second graduating class of the School of Social Work on Wednesday, May 27 in the auditorium of the Health Sciences Library.

Mr. Cohen, on leave from the University of Michigan School of Social Work since he was appointed to his present post in 1961, is a Professor of Public Welfare Administration and has been affiliated with the University of Michigan School of Social Work since 1956. He is a former Director of the Division of Research and Statistics of the Social Security Administration and has represented the U.S. government in international conferences on social security, social work, and labor.

The School of Social Work awarded Master of Social Work degrees to 16 candidates at the Commencement exercises in College Park.

THE 1964 HONOR AWARD AND GOLD KEY FROM THE Medical Alumni Association of the University of Maryland was presented on May 8 to Dr. Hugh R. Spencer, retired Chairman of the Pathology Department of the School of Medicine.

Dr. Spencer, a native of Jarrettsville, Maryland, was graduated in 1910 from the Baltimore Medical College and was appointed Associate Professor of Pathology and Bacteriology at the University of Maryland in 1913, a post he retained until he left to serve as a pathologist with the First Army during World War I. Shortly after his return from France in 1919, he was named Professor of Pathology. In 1921, he was made Head of the Department. From 1925 to 1950, Dr. Spencer's name appeared frequently in national and local medical journals. His service to the school includes many years spent on the student admissions committee. A member of the Inter-

national Academy of Pathology, he became Emeritus Professor of Pathology upon his retirement as Head of the Department in 1956.

Dr. Gibson J. Wells, who, as President of the Alumni Association, presented the award, commented on the significance of the occasion.

"Here is truly a scholar and gentleman of the old school," Dr. Wells said. "His kindness, humility, dry humor, and ready accessibility to anyone seeking his aid and advice will long endear him in the hearts and memories of his students."

Two other Gold Key recipients of past years are members of the University of Maryland Medical School Class of 1914, which celebrated its fiftieth reunion that week. They are Dr. Nolan D. C. Lewis, Emeritus Professor of Psychiatry at Columbia University, who received the award in 1949, and Dr. Arturo Casilli, a leading New Jersey pathologist, who was the 1962 recipient.

Senior Week at the School of Medicine began on Sunday, May 31, with a class picnic at the home of David M. Nichols, a member of the class.

Other activities included the senior class banquet and dance on Tuesday, June 2, at Blue Crest North in Pikesville and Dean's Day pre-commencement exercises in the courtyard of University Hospital Friday afternoon, June 5.

Principal speaker at the Dean's Day celebration was Dr. Paul J. Sanazaro, Director of the Division of Education of the Association of American Medical Colleges, who's subject was "Revolution and Renewal in Medicine."

In addition to his position with the Association of American Medical Colleges, Dr. Sanazaro is a clinical Associate Professor of Medicine at the University of Illinois College of Medicine. A diplomate of the American Board of Internal Medicine and a fellow of the American College of Physicians, Dr. Sanazaro is a graduate of the University of California School of Medicine and a former Associate Professor of Medicine at the University of California, San Francisco.

The Dean's Day academic procession began at 1:45 p.m. Following the convocation prayer by the Rev. Donald C. Kerr, Pastor of the Roland Park Presbyterian Church, Dr. R. Lee Hornbake, Vice President for Academic Affairs, extended greetings to the graduating class.

Prizes and honors were awarded to outstanding students by Dr. William S. Stone, Dean of the School of Medicine.

Recipients were: Faculty Gold Medal (Summa Cum Laude), Charles Henry Asplen, Baltimore; Certificate of Honor (Magna Cum Laude), Richard Douglas Biggs, Jr., Baltimore; Certificates of Honor (Cum Laude), Donald Theodore Lewers and Marvin Frederick Saiontz, Baltimore, Milton Siegfried Michaelis, Silver Spring, Charles Evans Reckson, Miami Beach, Florida, and Harold Clark Standiford, Aberdeen; Balder Scholarship Award for highest degree of academic achievement, Charles Henry Asplen; Dr. Leonard M. Hummel Medal for excellence in internal medicine, Donald Theodore Lewers; Dr. Harry M. Robinson Sr. Prize for excellence in dermatology, Marvin Frederick Saiontz; Dr. Wayne W. Babcock Award for excellence in surgery, Jonathan David Tuerk, Baltimore; Dr. Bradley Gaither Prize for excellence in genitourinary surgery, Charles Evans Reckson; Medical Book Award for outstanding scholastic attainment, Stuart Handwerger, Ruth Elizabeth Luddy and Robert Elmer Stoner, all of Baltimore.

In addition to these awards, Dean Stone presented to wives of graduating students certificates attesting to the

assistance they had given their husbands in obtaining medical degrees. The wives, who acted as ushers at the exercises, were also hostesses at a reception and tea held in Howard Hall following the ceremonies.

The Alumni Association of the University of Maryland School of Law held its annual banquet on Saturday, May 2 at the Sheraton-Belvedere Hotel, Baltimore, and featured an address by Dr. Manfred S. Guttmacher, Chief Medical Officer of the Supreme Bench of Baltimore City.

Dr. Guttmacher, an Associate Clinical Professor of Psychiatry at the University of Maryland School of Medicine, was a defense witness at the Dallas trial of Jack Ruby. His topic at the banquet was "A Psychiatrist Takes the Stand."

The Honorable Joseph L. Carter, outgoing President of the Alumni Association, presided as toastmaster and introduced the following list of officers for the ensuing year: Thomas N. Berry, President; Samuel J. Fisher, First Vice-President; Emma S. Robertson, Second Vice-President; Perry G. Bowen, Jr., Third Vice-President; L. Whiting Farinholt, Jr., Secretary; and Benjamin A. Earnshaw, Treasurer. Members of the Executive Committee are George W. Bowling, Clare Green Duckett, Harry E. Dyer, George Gump, M. King Hill, Thomas H. Lowe, James McSherry, William H. Price, H. Paul Rome, Ernest C. Trimble.

Dean William P. Cunningham welcomed the graduating class to its forthcoming membership in the Association, and awarded the following honors and prizes: The Elizabeth Maxwell Carroll Chesnut Prize, for good scholarship in a broad sense, John H. Gurley, Glen Arm; The Roger Howell Achievement Award, for leadership, scholarship, and moral character, H. Rutherford Turnbull III, Baltimore; The Sam Allen Memorial Prize for leadership and scholarship, Stanley David Klein, Baltimore; The Samuel S. Levin Prize, for character and leadership, Mrs. Shiela K. Sachs, Baltimore; The Lawyers Title Award, for proficiency in the law of real property, Paul J. Stakem, Cumberland; The U.S. Law Week Prize, for most satisfactory progress in the senior year, Adrian J. Johnston, Hyattsville; The Nu Beta Epsilon Prize for the most significant piece of legal writing in the *Maryland Law Review*, Mrs. Shiela K. Sachs.

Elected to the Order of the Coif (a national law school honor society founded to encourage scholarship and to advance the ethical standards of the legal profession; only students among the first tenth of the senior class are eligible): John H. Gurley, Glen Arm; Adrian J. Johnston, Hyattsville; Paul Stakem, Cumberland; and Berryl A. Speert, Baltimore. Faculty members elected were William G. Hall, Jr., Garrett Power and Sanford J. Rosen, all Assistant Professors of Law. An honorary member elected to the Order was J. Francis Ireton, a member of the Baltimore Bar, who spearheaded the adoption of the Uniform Commercial Code in Maryland.

Maryland Law Review certificates were presented to: H. Rutherford Turnbull III, Jules R. Willen, Robert S. Fertitta, Mrs. Shiela K. Sachs, Abel J. Merrill, Stanley D. Klein, Ronald P. Fish, Berryl A. Speert, Louis B. Price, all of Baltimore; Austin J. McGreal, Philadelphia; and John H. Gurley, Glen Arm, Maryland.

The annual meeting of the Alumni Association of the University of Maryland School of Pharmacy was held at 8 p.m. Thursday, June 11, in the Baltimore Union.

Dr. Frank L. Black of Baltimore, a member of the class of 1904, received a certificate of distinction for 60 years of service to the profession.



Dr. Arnold J. Toynbee addresses the Heidelberg Commencement

Fifty-year certificates were presented to the following members of the class of 1914: Drs. Charles L. Armstrong, Samuel C. Cohen, L. Reyner Dukes, and Ferdinand Pross, Jr., all of Baltimore; Dr. Frank N. Britcher of Gettysburg, Pennsylvania; Dr. Claude H. Harris of Florence, South Carolina; Dr. Israel Liebmann of Tampa, Florida; and Dr. Harvey E. Todd of Anderson, South Carolina.

New Alumni Association officers were installed at the meeting and plaques were presented to the 1963-64 President, Milton A. Friedman, class of 1934, and Dr. Melville Strasburger, class of 1900, honorary President.

THE CLASS OF 1964 OF THE FAR EAST DIVISION GRADUATED in three separate ceremonies this year—in Tokyo, Japan; Seoul, Korea; and Kadena Air Base, Okinawa.

Far East Division Director, Dr. Leslie R. Bundgaard, delivered a brief graduation address at each of the three ceremonies, in which he proudly reviewed Maryland's record of eight years in the Far East, during which 139,254 enrollments have been recorded and 331 bachelor's degrees conferred.

In Seoul, a banquet was held at the Eighth Army Officers Club on March 26. Of the eleven students who had completed degree requirements during the year, six were present to receive their diplomas from Dean Ray Ehrensberger, University College, who conferred them on behalf of Dr. Wilson H. Elkins.

Among distinguished guests at the banquet were the Honorable Samuel D. Berger, U. S. Ambassador to Korea, who congratulated the graduates and the U. S. Armed Forces for providing the encouragement and financial support which makes it possible for persons to pursue a college degree overseas. Other guests included Donald G. Vorhis, special assistant to the Ambassador, and William E. Phipps, Counselor for Public Affairs, Amer-

ican Embassy; Brig. Gen. George G. O'Connor, Eighth Army Deputy Chief of Staff; and Col. Benjamin F. Chapman, Commanding Officer, 6313th Air Base Group, Osan Air Base.

Thirty-two bachelor's degrees were conferred in Tokyo, although only thirteen students were present to receive their diplomas, in banquet ceremonies on March 30 in the Sanno Hotel. Background music for this affair was provided by the Japanese Koto players.

David J. Rhoads, full-time lecturer in the division, who had completed all degree requirements on the College Park campus prior to coming to the Far East, was awarded a Doctor of Education degree, probably the first time such a degree was given in the Far East by any U. S. college or university.

Among guests present at the Tokyo banquet were Maj. Gen. and Mrs. Chester W. Clark, Maj. Gen. and Mrs. Ethan A. Chapman, and Brig. Gen. D. C. Polhamus, Chief of Staff, 5th AF. Dean Ehrensberger was assisted in presentation of degrees by Dr. Joseph E. Dellen, Associate Director of the Far East Division, and Mrs. Gene H. Bundgaard, Assistant Director of Admissions and Registrations.

On the evening preceding commencement, the Spring Faculty Banquet was held at the Sanno Hotel, when Dean Ehrensberger presented the annual "You Never Had It So Good" award to Hugh D. Walker, who had the "most harrowing experience of the year" with a Vietnamese terrorist.

In ceremonies at the Wing Club, Kadena Air Base, Okinawa, 22 bachelor's degrees were awarded. Nine of the students graduated *in absentia*.

During the ceremonies, Lt. Gen. Paul W. Caraway, U.S. Army, High Commissioner, Ryukyu Islands, was cited with a membership in Pi Sigma Alpha, national honorary society in political science. Dr. Bundgaard presented the citation.

Dean Ehrensberger conferred the degrees, assisted by Dr. Walter V. Hohenstein, Assistant Director of the Far East Division.

Distinguished historian Arnold J. Toynbee was featured speaker at the European Division Commencement ceremony in Heidelberg on Sunday, May 31. Professor Toynbee was also awarded a Doctor of Letters degree for his contributions to world historiography.

President Wilson H. Elkins conferred bachelor's degrees upon 171 European Division students, the second largest number in 15 years of overseas operations. Nearly half of the Class of 1964 took their degrees *in absentia*, and 93 candidates were present.

Dr. Thomas B. Symons, Professor and Emeritus Dean of the College of Agriculture, represented the Board of Regents.

Professor Toynbee, famous for his ten-volume *Study of History*, in which he elaborates a cyclical view of the world's civilizations, has written dozens of other books since his graduation from Oxford in 1911.

A former faculty member of Oxford and London Universities, Professor Toynbee is currently pursuing research at the Royal Institute of International Affairs in London. He holds honorary degrees from several leading American and British universities, among them Oxford, Cambridge, Columbia and Princeton.

Graduates and their guests had the opportunity of meeting Professor Toynbee at a reception following the afternoon ceremony, which was held in the University's main auditorium, the Neue Aula.

ALUMNI DAY

ALUMNI DAY, SATURDAY, MAY 16, 1964 DAWNED A perfect spring day—the day set for traditional spring class reunions on the College Park campus and in general for all University of Maryland alumni. Especially honored were the five-year classes, beginning with the Class of 1904, and on to 1909, 1914 (celebrating its Golden Anniversary), 1919, 1924, 1929, 1934, 1939 (its Silver Anniversary), 1944, 1949 and 1954.

Officially the day started with Registration at the Student Union Building's lobby, where many old friends met and greeted one another for the first time in a number of years.

Next on the agenda were the various school and college business meetings where those present elected their officers for the ensuing year, and also representatives to the Alumni Council, which governs the entire Alumni Association. President Elkins attended and visited with the alumni.

Home Economics, getting an early start, held its business meeting at 9:00 a.m. in its own building. At this meeting, Dave Brigham, the former Director of Alumni Affairs and Secretary Pro Tem of the Alumni Association, 1963-64, was presented an award for his enthusiastic support of the College of Home Economics.

After the business meetings, class pictures of the Five-Year Reunion Classes were taken on the front steps of the Student Union Building.

A delicious Alumni Luncheon was served in the Student Union Cafeteria beginning at approximately 11:30 a.m. The Five-Year Reunion Classes were seated at individual tables. The new Director of Alumni Affairs, designate, Col. J. Logan Schutz was introduced and expressed his desire to serve upon the assumption of his duties on July 1.

Thomas Mullendore was the oldest alumnus present, and was celebrating his 60th Anniversary. He was the only one attending from the Class of 1904. J. J. T. Graham and J. Milton Hunter from the Class of 1906, were the next oldest alumni present.

At 2:00 p.m. many of the returning alumni wended their way over to Byrd Stadium to enjoy the final Intersquad Football Game of the spring training season. Following the game, there was a coffee hour at the Student Union. The visiting and reminiscing continued for an hour or more, when many of the returning alumni began leaving for other destinations.

The Class of 1924 departed to enjoy a dinner at the Holiday Inn at 6:00 p.m. Approximately 20 indicated they would be there to celebrate their 40th Anniversary, and we know they are looking forward to their Golden Anniversary ten years hence.

The engineers of the Class of 1929 had made plans for a cocktail party at Ledo's at 5:30 p.m. Approximately 24 persons attended this gay affair.

For the "young at heart" there was a concert given by Peter Nero at the Ritchie Coliseum at 8:00 p.m., which was a fitting way to end a really perfect Alumni Day.



The Class of 1914



The Class of 1924



The Class of 1929

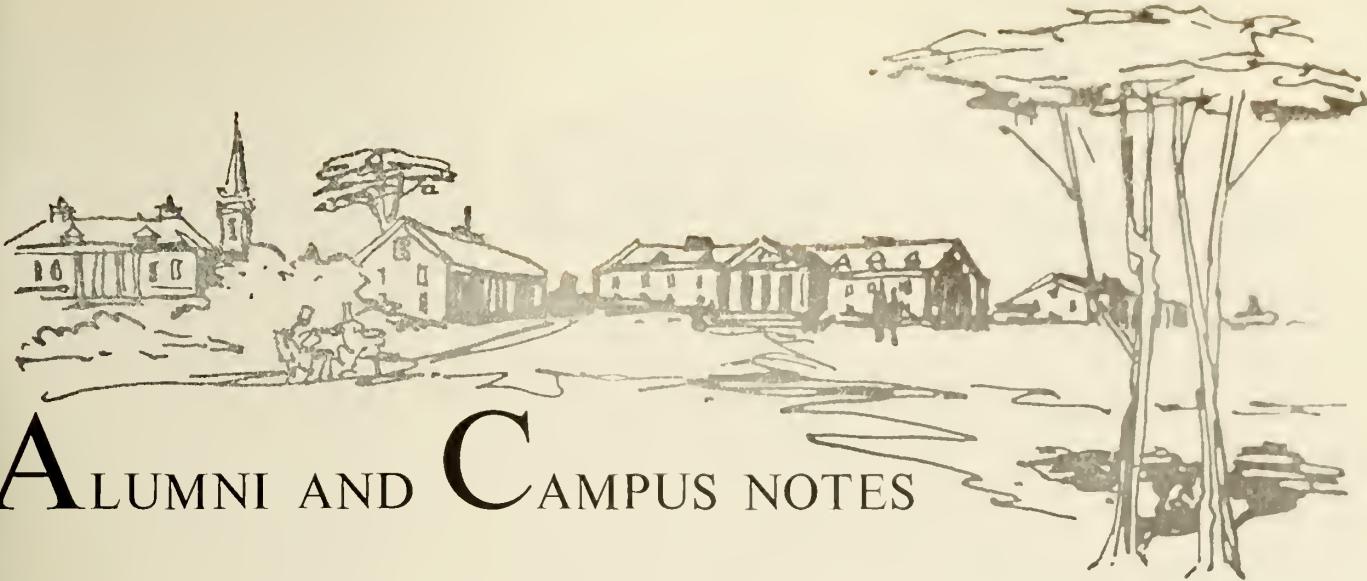


The Class of 1934



The Class of 1939 meets for its 25th Reunion





ALUMNI AND CAMPUS NOTES

UNIVERSITY CALENDAR OF EVENTS

JUNE

- 6 Commencement
15-19 Rural Women's Short Course
22 Summer Session Registration
23 Summer Session Begins

AUGUST

- 3-7 4-H Club Week
14 Summer Session Ends

SEPTEMBER

- 8-11 Firemen's Short Course

14-18 Fall Semester Registration

- 19 Football, Oklahoma, Home
21 Instruction Begins
26 Football, South Carolina, Home



New Telescope Installed

In the photograph above, the University installs its 20-inch optical telescope at the Astronomical Observatory, located on the University golf course.

The telescope has a mirror with a diameter of 20 inches, which concentrates the starlight into a focus where pictures of the heavens can be made on photographic plates. Also, the intensity of the starlight can be measured with complicated and highly sensitive photoelectric photometers.

Alumnus Edits New Book

W. A. Douglas Jackson, Ph.D., BPA, '53, Professor of Geography and Assistant Director of the Far Eastern and Russian Institute at the University of Washington, Seattle, is the Editor of a book of readings which comprise a new book in the field of contemporary geographical thinking.

Entitled *Politics and Geographic Relationships*, and published in June, 1963, by Prentice-Hall, Inc., the book presents structural concepts underlying the phenomena and the motivations which dictate man's organization of both himself and the surface of the earth.

The focus of the book is the political-territorial unit, or the state. The readings present discussions of the nature of the state and its characteristics and functions, with particular emphasis on the makings of a people or the creation of a nation, followed by examinations of the problems of boundaries and frontiers, core areas and capital cities, doctrines of government and bases of economics and technology. A large section of the book deals with an examination of problems confronting underdeveloped states and newly emerging nations, and it closes with a detailed investigation of power and strategy on the international scene.

Among the contributing authors are George Santayana, Gunnar Myrdal and Karl W. Deutsch.

Retirees Honored

A reception and tea honoring faculty members who retired this academic year was held recently at the Rossborough Inn on the College Park Campus.

President Wilson H. Elkins presented certificates to the guests of honor, who included: Fred L. Bull, Professor in

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The event was sponsored by the Faculty Club and the American Association of University Professors.

**New University Relations
Director is Appointed**

J. B. Zatman, Director of Public Relations for the Maryland-National Capital Park and Planning Commission, has been named Director of University Relations at the University. Mr. Zatman succeeds Mr. Robert J. McCartney, who moves to the University of Massachusetts.

A graduate of the University of Pittsburgh and Peabody High School in Pittsburgh, he also attended Cornell University.

Zatman came to this area in 1937 as a reporter and later Assistant Editor of the *Washington Star*. In 1952 he was appointed Director of Public Relations for the Maryland-National Capital Park and Planning Commission.

Between 1957 and 1959, he served as Public Information Officer for the Washington Suburban Sanitary Commission. He was an Administrative Assistant to Mrs. Gracie Pfost, a member of the House of Representatives from Idaho, from 1959 until 1960. He was reappointed to the Park and Planning Commission post in 1960.

Mr. Zatman is a member of Sigma Kappa Phi, honorary languages fraternity, and the Public Relations Society of America.

Robert J. McCartney, Director of University Relations at the University of Maryland since 1956, has resigned his position to accept the post of Secretary of the University of Massachusetts, his Alma Mater, and Director of University Relations.

In his new administrative post as Secretary, Mr. McCartney will serve the President of the University, the Board of Trustees, and the Faculty Senate, and as Director of University Relations, he will supervise the operations of the News Service, Publications Office and the Broadcasting and Photographic Service.

Prior to coming to Maryland, Mr. McCartney was associated with the University of Massachusetts for several years, as News Editor, Director of Publications, and founder and first

Editor of *The Massachusetts Alumnus*. While in Massachusetts, he also served as a communications and public relations consultant in Worcester and Springfield.

Mr. McCartney received his B.A. degree from the University of Massachusetts in 1941 and attended the University of Massachusetts Graduate School from 1946 to 1947. During World War II, he served as Cryptographic Supervisor in the U. S. Army Signal Corps.

Mr. McCartney's publications include "Where Are We Going in Public Relations?", *The Massachusetts Alumnus*, 1955, and "The Case for a Laurel League," also in *The Massachusetts Alumnus*, in 1956. He is listed in *Who's Who in Public Relations* and *Who's Who in American Education*. He has written, directed and produced three sound-color films: "Your State University," for the University of Massachusetts; and "The University of Maryland Choir in Puerto Rico" and "Climate of Learning," for the University of Maryland.

In 1957, Mr. McCartney received White House Accreditation on the occasion of the British Royal visit to the University of Maryland.

A leading figure in numerous professional organizations, Mr. McCartney is a member of the Greater Washington Educational Television Association, the American College Public Relations Association, the American Alumni Council, and the Baltimore Public Relations Council. He is past president of the New England Land-Grant Public Relations Council, and was a charter member of the Information Committee of the American Association of Land-Grant Colleges and State Universities. He is also a member of the Advisory Board of The Humanities Center for Liberal Education and the Advisory Board of *The Massachusetts Alumnus*. He is a member of the Public Relations Committee of the Southern Regional Education Board.

Among the many honors accorded Mr. McCartney in recognition for his noteworthy achievements in the field of public relations have been the Alumni Citation of the University of Massachusetts; membership in the University of Massachusetts Honor Society, Sigma Delta Chi (professional Journalism fraternity), and Tau Kappa Alpha, (honorary Forensic fraternity).

At the University of Maryland, he served as the first Director of University Relations. He was charged by President Wilson H. Elkins with establishing a professional public relations program including publications, speakers bureau, branch office in the Baltimore Professional Schools and, subsequently, a University Film Center. Recently, a service program to the broadcasting media was established. The existing News Service and Photo-

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graphic Sections were incorporated into University Relations when the office was established several years ago.

Dentist-Population Ratio Drops

Now short 500 dentists, the State of Maryland will be facing a shortage of 1,150 by 1975 if the present ratio of one dentist for every 2,333 persons continues, cautions a report from the School of Dentistry.

Figures from the 1963 American Dental Association manpower survey put Maryland's ratio in sharp contrast to the national average of one dentist to every 1,709 persons. Of Maryland's 23 counties, only Montgomery has a favorable ratio of 1:1,515.

Baltimore City and County have a 1:1,1985 ratio; the remaining 21 counties average one dentist for every 3,474 persons.

The dental school report places eight

counties on a "critical" list headed by Somerset County, where there is one dentist for every 9,750 persons.

The others, in order, are Charles (1:8,550); Queen Anne (1:8,450); Calvert (1:8,250); St. Marys (1:5,800); Anne Arundel (1:5,200); Cecil (1:5,110); and Dorchester (1:5,017).

Projected population figures indicate that by 1980 some 126 additional dentists will be needed in Maryland every year to meet the national average ratio.

The University of Maryland School of Dentistry is in the midst of studies and planning to expand faculty, programs, and facilities to permit entering classes of 128 each year. Present facilities can handle maximum entering classes of 100.

While the number of out-of-state students has been decreasing since the recent openings of dental schools in New Jersey, North Carolina, and West Virginia, the enrollment of Maryland residents has been increasing steadily.

Seventy-five per cent of Marylanders

seeking a dental degree are enrolled in the Baltimore school.

The School of Dentistry, the world's first dental school, was founded in 1840. It has graduated 68 per cent, or 953 of the 1,404 dentists now registered in the state of Maryland.

Through The Years

1895-1919

C. BALTIMORE CALVERT, AGR. '97, a Washington lawyer and a direct descendant of the Maryland Calverts of Colonial times, died at his home April 15, 1964 after a long illness.

DR. W. C. RICHARDSON, D.D.S. '98, died on February 7, 1964.

DR. ANDREW F. LUDWIG, PHARM. '01, who operated a pharmacy in Baltimore for 35 years, died March 18, 1964 at his home on Rosewood Avenue in Catonsville, Maryland.

CURTIS ATLEE SHEELY, D.D.S., '02, Harrisburg, Pennsylvania, died at his home on June 27, 1964. He was a founder and a charter member of the Harrisburg Dental Society, and in '52 received a Certificate of Distinction from the National Alumni Association for personal merit and professional achievement.

CURTIS O. TYSON, LL.B., '04, retired Baltimore lawyer, died March 23, 1964, following a long illness. He was 83 years old.

DR. WILLIAM BENJAMIN WARTHEN, M.D. '05, is retired from the practice of medicine and is living in Davisboro, Georgia. Dr. Warthen was 83 years old in November.

CHARLES W. SYLVESTER, ENGR. '08, who might be described as "the father of vocational education in Baltimore," died February 4, 1964 at the House-in-the-Pines Nursing Home, at the age of 77. When he became director of vocational education in 1922, Baltimore's only vocational school was located in improvised quarters; when he retired as assistant in 1956, the system included two technical high schools, five technical schools at the junior high school level and a comprehensive program of industrial arts in all secondary schools.

FREDERICK HENRY BARCLAY, LL.B. '08, Baltimore, died April 13, 1964 at his home.

A. H. SISKIND, LL.B. '09, 73, Baltimore lawyer, died at his home February 3, 1964. Mr. Siskind began his career



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*The faint reflections
of the clouded sun
on the peaceful farmlands
blaze into a flaming scene
of power in the steel mills.*

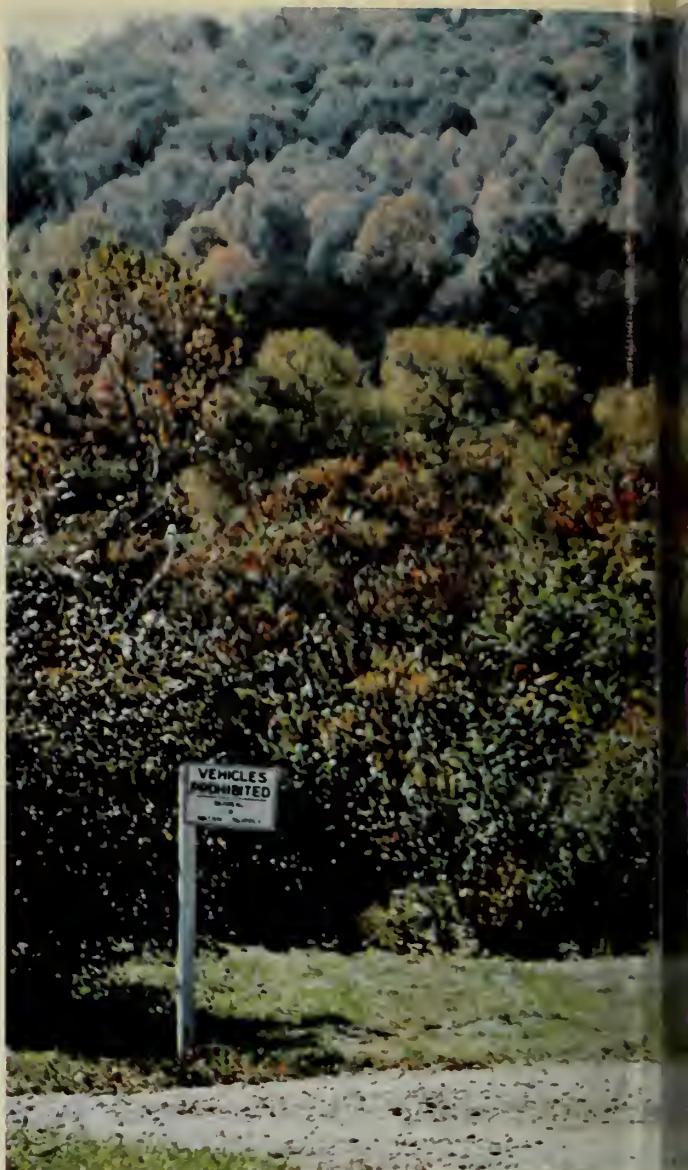




The Siren's Song

*Water longs for a playmate,
and Maryland answers the call.
She sends ships to ply the Bay
and nymphs to romp on the beaches.
Even the smallest wood feels
impelled to host a waterfall.*

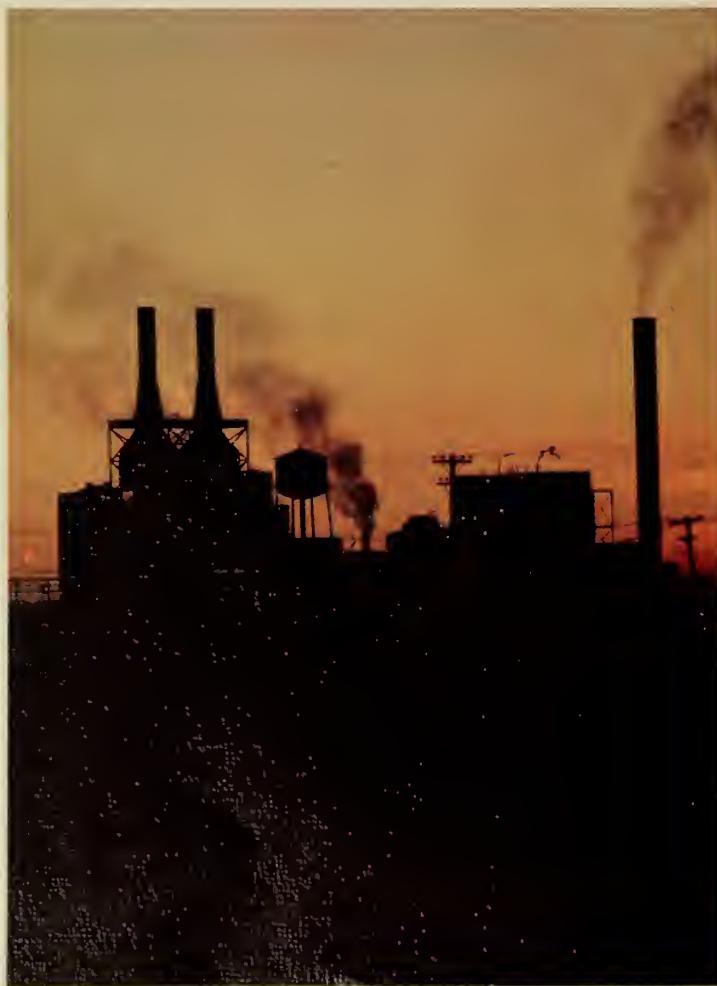




A Living Canvas

*Pathways lead the curious
on pleasant family hikes,
through the turning leaves
or into mountain valleys,
to enjoy the spectacle
of ever-changing scenes
which nature paints about.*





A City Dreams

*What does a city dream of
when its street lights go on,
of its harbor and mills
or its new Civic Center?
Does it wonder if its blight
of slums will be cured
by costly redevelopment?
Or, is a city a mindless thing
as blank as the smog it spews?*

Through the Years

(CONTINUED FROM PAGE 12)

by managing the first campaign of Representative Charles P. Coady. He was a member of the American, Maryland and Baltimore City Bar Associations, and belonged to the Oheb Shalom Congregation and the Elks.

DR. HOWARD E. HARMAN, M.D. '11, died at his home in Chillicothe, Ohio on December 12, 1963.

DR. ALBERT E. GOLDSTEIN, M.D. '12, a Baltimore physician, has been named President of the Medical and Chirurgical Faculty of Maryland.

DR. J. FRANCIS HEALEY, D.D.S. '12, Baltimore resident who practiced at Highlandtown for more than 40 years, died February 17, 1964.

CARL J. FLOM, PHARM. '14, who had owned and operated an East Baltimore drug store for more than 32 years, died on May 7, 1964 at his home, at the age of 69.

J. LOUIS RAAP, LL.B. '14, retired attorney and a trustee of the Maryland Historical Society building fund, died at his Baltimore home on January 28, 1964. Mr. Raap served during World War II with the Coast Guard Reserve and later became president of the Garrison Lane Building and Savings Association.

HOOPER S. MILES, LL.B. '16, Baltimore resident, who served seven consecutive terms as State Treasurer, died at his home March 8, 1964. At the time of his death, he was chairman of the board of the Maryland National Bank, Maryland's largest banking firm. He also had been active in civic affairs, most recently as head of the Metropolitan Area Study Commission, appointed by Gov. Tawes.

EMORY H. NILES, LL.B. '17, retired chief judge of the Supreme Bench of Baltimore, has been elected president of the Institute of Judicial Administration with its headquarters at the New York University School of Law. Judge Niles has formerly served as a president of the Maryland State Bar Association, a former chairman of the section of judicial administration of the American Bar Association, and an honorary fellow of Hertford College, Oxford University. He is a resident of Baltimore.

ARTHUR CHARLES KEEFER, AGR. '17, a former member of the Maryland House of Delegates, died February 5, 1964 at Doctor's Hospital, Washington, D.C. A member of local and statewide Republican organizations, Mr. Keefer was a Mason, a member of the Sigma Delta Kappa legal fraternity, and the University Club of Washington. He also was the first president of the Prince Georges County Kiwanis Club.

DR. J. FREDERICK FEHLER, D.D.S. '19, died March 11, 1964.

CHARLES J. LEVEY, LL.B. '19, Balti-

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more resident, an attorney for 45 years, died on May 14, 1964 after a prolonged illness.

DR. CYRUS F. HORINE, M.D. '19, a practicing physician who combined teaching, research, inventiveness and public service with his 42 years as a surgeon, died in Baltimore on February 26, 1964. Since 1926, Dr. Horine had served as Associate Professor of Surgery at the University of Maryland School of Medicine. At the time of his death he was medical examiner of the Maryland State Police and consultant surgeon to the Maryland State Roads Commission and the Maryland Training School for Boys.

1920-1929

ALBERT G. LEATHERMAN, PHARM. '20, retired March 31, 1964 after almost 31 years as a salesman in Baltimore for Eli Lilly and Company.

ARGYLE N. FINNEY, EDUC., '22, a district area sales executive with Christmas Club Inc., of New York, died February 19, 1964. He belonged to Sigma Nu fraternity.

HARRY O. YATES, AGR. '24, Merchantville, was honored for his outstanding service to New Jersey horticulture during New Jersey day at the Philadelphia Flower Show.

DR. EDGAR R. MILLER, M.D. '25, of Wilmington, Delaware, a Methodist layman and chest surgeon who pioneered in helping to set up the first Christian medical work in Nepal, has been honored by that Asian country. The Methodist physician, who has treated members of Nepal's royal family, was the first foreigner ever to receive a national citation, called "Gorkha Dakshina Bahu."

CHARLES H. REMSBURG, AGR. '26, Angela Remsburg, 18, the daughter of Charles H. Remsburg, Middletown, flew to Chicago June 21 to compete for three days with 21 other state princesses for the National Dairy Princess honor. Angela, a University of Maryland freshman, is the Maryland Dairy Princess.

JOHN B. MORSELL, AGR. '26, resident of Prince Frederick, Maryland, agricultural and civic leader, died March 31, 1964 at his home. He was past president of the Calvert County Board of Education, the Maryland Tobacco Co-operative and director of the Maryland National Bank, and a County Agent for Calvert County.

KARL GRAHAM PFEIFFER, A&S '26, a professor at New York University and a Washington native, died in New York City March 25, 1964 after a long illness.

MICHAEL F. DELEA, LL.B. '26, Baltimore attorney, died at his home on February 18, 1964. He was a member both of the State and City Bar Associations. A former member of the Democratic State Central Committee, Mr. Delea served on the board of directors of the Madison Square Building and Loan Association.

MYRON B. STEVENS, EDUC. '27, Department of the Army patent attorney, died May 22, 1964 of a heart attack while playing golf in College Park. He resided in Bethesda. Known to Maryland football fans of the 1920's as Mike Stevens, a flashy, drop-kicking halfback, he was one of the University's top athletes, with varsity letters in football, baseball, and basketball. He was a member of the District of Columbia and Maryland Bar Associa-

tions.

DR. HIRAM UPTON, M.D. '27, Burlington physician, died February 1, 1964 at his home at the age of 61. He was a member of Lambda Iota fraternity, Phi Sigma Kappa, and Nu Sigma Nu medical fraternity; a member of the AMA and a member and past president of the Vermont Medical Society, 1950-51.

HENRY L. McCABE, AGR. '27, a retired employee of the Census Bureau, died February 4, 1964 of a heart attack. He lived in Clinton, Maryland.

JOSEPH F. STROHMAN, MECH. ENGR. '28, retired June 30, 1964 as Director, Estimates Division, Public Buildings Service, General Service Administration.

HARRY M. MILLER, LL.B. '29, Baltimore lawyer, active leader in West Coast Zionist organizations, died of a heart attack on January 26, 1964.

COLONEL FREDERICK S. WOLF, M.D. '28, Baltimore, Maryland, has completed the combat operations course at the Air Force Operations School, Hurlburt AFB, Florida.

J. SLATER DAVIDSON, JR., ENGR. '28, has been elected president of the Charles H. Tompkins Co., a Washington subsidiary of the J. A. Jones Construction Co. of Charlotte, N. C. He was in charge of such projects as *The Evening Star* newspaper plant, Central Intelligence Agency building, Langley, Virginia, National Security Building at Fort Meade and the East Front of the Capitol.

MRS. ROGER S. WHITEFORD, A&S '29, has been named Director of Education for the Maryland Academy of Sciences. The former Edith Burnside, she resides in Baltimore, Maryland.

MAY-LOUISE WOOD CORDER, EDUC. '28, M.A. '35, a teacher in Montgomery County schools for more than 35 years, died January 22, 1964 at Providence Hospital, Washington, D.C.

1930-1939

PAUL J. LINDER, AGR. '31, Agriculture Department employee and a resident of Silver Spring, died on March 21, 1964 after a long illness. He was a Civil Service employee and served as a plant physiologist in the Department of Agriculture where he studied the effects of growth regulating chemicals on plants.

CHARLES F. CASHELL, ENGR. '31, assistant chief of the Electrical Department at the U.S. Army Mobility Command's Engineer Research and Development Laboratories, Fort Belvoir, Virginia, recently received his seventh and eighth work performance awards.

HARRY T. KELLY, ENGR. '34, Columbia, Ohio building executive, has returned to the Washington area and has been named executive vice-president of the Sterling Park Development Corporation.

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ARTHUR H. BRYAN, A&S, M.A. '34, formerly Assistant Professor of Bacteriology and Public Health, School of Pharmacy, University of Maryland, Baltimore, is retiring after 33 years' teaching service in Baltimore and Florida.

DR. WILLIAM SCHOFIELD, PH.D., AGR. '36, is manager of Purina's Professional Services Division of the Veterinary Department and is known to farmers everywhere, due to the many Purina group meetings he addresses each year, emphasizing the importance of disease prevention. Dr. Schofield's enthusiasm comes from nearly 30 years of poultry disease diagnostic work—most of it with Purina.

WILLIAM A. STANTON, A&S '36, PH.D. '41, director of DuPont's Photo Products Research Laboratory in Parkin, New Jersey, has been appointed to the newly-created position of product marketing manager in the Photo Products Department.

MRS. JOHN TAYLOR FISHER, A&S '36, the former Rebeeca Charlotte Miller, of Washington, D.C., died in Indianapolis February 19, 1964.

BERNARD GRAEVES, A&S '37, is a Colonel with the United States Army and is currently Commanding Officer of Letterkenny Army Depot, Chambersburg, Pennsylvania, one of the largest installations in the U. S. Army Supply and Maintenance Command.

MISS MARY WASHINGTON FRAZER, AGR. '37, Nashville, Tennessee resident, was the recipient of an award by the AAUW Educational Foundation College Faculty Program. Miss Frazer will study Spanish under the program.

ROBERT A. JACKSON, ENGR. '37, has recently been appointed one of three district sales managers of the Chicago Bridge and Iron Company, world-wide metal plate fabricating and construction firm.

JOHN J. McCARTHY, A&S '38, Washington real estate and savings and loan executive, died at the Georgetown University Hospital January 15, 1964 after a long illness. He was a member of the board of directors and vice president of the Home Building Association and vice president of Woodward and Norris. At Maryland, in 1939, he was selected first-string end on an all-Maryland football team.

DR. ROBERT C. SHEPPARD, M.D. '38, surgeon for Spring Grove State Hospital and a member of the medical department of Western Electric Company, resident of Catonsville, Maryland, died April 26, 1964. He was a member of the Medical and Surgical Faculty of Maryland, a fellow of the American College of Surgeons, the American Medical Association, and the American College of Surgeons.

JEROME S. HARDY, BPA '39, has been named publisher of Life magazine. Mr. Hardy at one time did public rela-

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1940-1949

MAJOR CHARLES W. WEIDINGER, EDUC. '40, died on June 5, 1964, at Fort Knox, Kentucky. While at Maryland, he was a pitcher on the baseball team and a quarterback on the football team.

J. LEE SMITH, LL.B. '42, a Catonsville attorney who once served as Baltimore County magistrate, died January 23, 1964, of a heart attack.

SEYMOUR D. WOLF, ENGR. '42, president of the Engineering Alumni Council, University of Maryland, 1964-65, received a master's degree in business education from American University this spring, after eight years of night school. Making graduation this year a family affair, Mrs. Wolf received a bachelor's degree in education, also from American University; 17-year-old Douglas graduated from Fork Union Military Academy in Virginia; and 11-year-old Deborah and 14-year-old Beth accepted diplomas from Rollingwood Elementary School and Leland Junior High School, both in Chevy Chase, Maryland, where the Wolfs make their home.

PROFESSOR ROBERT M. RIVELLO, ENGR. '43, has been cited as one of the outstanding AIAA faculty advisors of the American Institute of Aeronautics and Astronautics. The citation was in recognition of the outstanding interest he has shown in, and guidance he has given to, the AIAA student branch at the University of Maryland.

A. BUDD CUTLER, BPA '43, attorney, received recognition for his three years of service as president of the YMCA of Miami, Florida, and has been installed in the position of Honorary President.

J. DAVID LAMBERT, MECH. ENGR. '45, recently was transferred to the Computation Center of Sun Oil Company where he is in training to be a computer programmer. He was formerly a Technical Writer in Sun's Industrial Advertising Department.

SIGMUND GROLLMAN, A&S '47, M.S. '49, PH.D. '52, Associate Professor in the Department of Zoology at the University of Maryland, is the author of the book, *The Human Body: Its Structure and Function*, published May 11 by Macmillan. The native of Stevensville, Maryland, has been a Research Fellow of the American Physiological Society and The National Institute of Health. He has also served as vice-president of the American Society of Professional Biologists, and is a member of the American Association for the Advancement of Science.

M. E. STAMBAUGH, AGR. '47, of North Kansas City, Missouri, has been named district manager for Armour Agricul-

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tural Chemical Company in Baltimore, Maryland.

EDWARD M. RIDER, A&S '47, Chevy Chase, Maryland, was elected president of the Institute of Shortening and Edible Oils, Inc. Formerly executive director of the National Vitamin and Drug Association, he has also been associated with the National Canners Association and the National Association of Margarine Manufacturers. He is also a member of the National Press Club and the Washington Trade Association Executives. At Maryland, he was president of Omicron Delta Kappa and Editor-in-Chief of the *Diamondback*.

GEORGE H. ROSEDOM, LL.B. '48, the first Negro Assistant State's Attorney in Maryland history, died February 28, 1964, of a heart attack. Before he became Assistant State's Attorney, he had been a social worker, parole officer and probation officer. He was a member of Omega Psi Psi fraternity, the Y.M.C.A., and the Monumental and Baltimore City Bar Associations.

JOHN C. BOUMA, B.S. '48, M.S. '49, Hyattsville, Maryland, was awarded the Superior Service Award at the 18th Annual Honor Awards Ceremony at the U. S. Department of Agriculture.

LIEUTENANT COLONEL ROBERT T. DUFF, EDUC. '48, graduated June 5, 1964, from the Air War College, the U.S. Air Force's senior professional school, at the Air University, Maxwell AFB, Alabama.

1949-1959

ANTHONY M. JOHNSON, ENGR. '50, has been named marketing manager of Korad Corporation, Santa Monica, California.

KENNETH N. PORTS, ENGR. '50, has been promoted to lieutenant colonel at Headquarters Fourth U.S. Army, Fort Sam Houston in San Antonio, Texas.

GERALD S. KANTROW, PHARM. '50, has joined the Washington, D.C., sales force of Eli Lilly and Company. He previously served from 1950 to 1952 as a medical supply officer in the United States Army and earned a law degree from Georgetown University in 1955.

ROBERT M. BURTON, A&S '50, has been promoted to Associate Professor of Pharmacology at Washington University School of Medicine, St. Louis, Missouri. He has been a member of the faculty since 1957.

ROBERT B. DOTY, A&S '50, has been appointed to the staff of the Department of Microbiology, Pennsylvania State University, as an Assistant Professor.

LEONARD C. WRIGHT, A&S '51, has been appointed director of program management for Melpar, Inc. He will be responsible for cost and schedule performance on contracts handled by the company.

(CONTINUED ON PAGE 27)

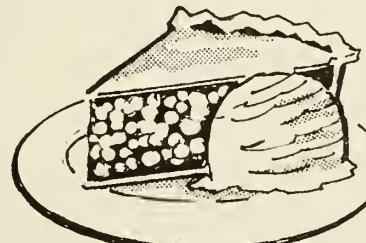


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Craig Fisher will Produce NBC-TV News Feature

CRAIG FISHER, A&S '54, HAS BEEN named producer of "Sunday," an NBC News magazine-format television series which will start Sunday, October 27, on the NBC-TV Network from 4 to 5 p.m. EST.

With this new assignment, Mr. Fisher, who also produces "Exploring," will be in charge of two hour-long programs each week for the network.

Mr. Fisher, 31, is a former associate producer of the NBC-TV "Today" program who, in 1962, was asked to develop a children's program for NBC. The result was "Exploring," which in its first season won a George Foster Peabody Award as "an outstanding TV series for youth and children; a Thomas Alva Edison Foundation Award as "best children's television program," and a first-place award given by the Institute for Education by Radio-Television of Ohio State University.

The citation accompanying the Peabody Award noted that "With taste, wisdom and imagination, 'Exploring' opens new vistas to the child viewer." The Ohio State Award was won in the Fine Arts and Humanities category. The citation read: "The 'Exploring' series could compete successfully in several categories, but in the Fine Arts and Humanities, this particular program is outstanding. Skillful selection of host, subject matter and visual materials are thoughtfully combined in a presentation paced so that the program is both fascinating and instrumental for young people."

In the 1962-63 season, "Exploring" used a "theme object"—a piece of string or a lump of coal, for example—to unite the six major areas of learning it covered. Instead of these objects, a person or a group of people will connect the various segments during the coming season.

"Our basic aim will remain the same, however," Mr. Fisher said. "We will attempt to stimulate rather than educate. We hope that children watching our program will ask 'why?' and then will go to their parents, their teacher or their library to find more information about whatever whets their curiosity."

Prior to joining NBC, Mr. Fisher was with CBS in New York as an associate producer, film director and writer in

the news and public affairs department. He was associate producer on the "Woman" series, which won a Sylvania Award and on "The Right Man" program devoted to presidential campaigns.

Mr. Fisher is married to the former Elva Paul, Educ., '54, of Washington. They live in Westchester County, New York, with their two children, Cathleen and Dean.

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MARYLAND MAGAZINE

Thomas Wilson Assumes Presidency of the Federal Communications Bar Association

THOMAS W. WILSON, ENGR. '34, was recently appointed President of the Federal Communications Bar Association for the year 1964-1965.

A graduate of the Georgetown Law School, Mr. Wilson has been practicing law in Washington, D. C. since 1938. He is now one of the senior partners in the law firm of Dow, Lohnes and Albertson, probably the oldest Washington firm specializing in radio-television and communications law. Mr. Wilson, in charge of communications practice, oversees a dozen lawyers who specialize in communications law, primarily broadcasting.

Mr. Wilson received a degree in civil engineering from the University of Maryland and worked at that profession while attending law school at night. A professor suggested that he study law when Mr. Wilson discovered that finding a job in the civil engineering field was more difficult than he expected. While studying at Georgetown, he was employed at the U. S. Coast & Geodetic Survey and the U. S. Corps of Engineers.

Mr. Wilson was active in the legal fraternity, Delta Theta Phi, while at Georgetown University, and served as head of his local chapter and also "chancellor" of the Washington region. At that time, the late Horace Lohnes was national chancellor of the fraternity, and, when Mr. Wilson obtained his law degree, he asked Mr. Lohnes for a recommendation. Mr. Lohnes wrote the recommendation and then decided he wanted Mr. Wilson to stay with his own firm.

One of the first assignments Mr. Wilson handled was helping Mr. Lohnes and Fred Albertson in their work on the FCC's 1944-45 radio spectrum allocation review. Their firm represented Major Edwin H. Armstrong, who invented FM.

Mr. Wilson has served on numerous



committees dealing with his law practice and his community. He is a member of the finance committee of the Republican County Committee of Montgomery County, Maryland; the Board of Governors, (and past president) of the Western Bethesda Planning Association; the American Bar Association; the District of Columbia Bar Association; the Federal Communications Bar Association; National Lawyers Club; Broadcasters Club; Congressional Country Club; and Edgemoor Club. He is a vestryman at St. John's Church, Norwood Parish (Episcopal).

Mr. Wilson is a native of Washington, D.C. and now lives in Bethesda, Maryland. He is a tennis player of local renown, a sailing and golfing enthusiast, and is presently taking flying lessons.

He is married to the former Nancy Webber and they have three children: Anne, 20; Marcia, 15; and Thomas, Jr., 10.

Through the Years

(CONTINUED FROM PAGE 25)

HAROLD V. MAULL, U.C. '52, former Air Force officer, has ventured into the realm of politics. The first Air Force officer at Maryland, he has been elected Mayor of Boca Raton, Palm Beach County, Florida. He announces that plans have been approved for the establishment of a state university in Boca Raton.

GEORGE W. SCOTT, ENGR. '52, Oswego, New York, has been appointed an advisory engineer in ASQ-28 Magnetic Drum Memory Development at IBM's Space Guidance Center in Owego.

WALTER J. BLAHA, ENGR. '52, has been transferred and promoted to Plant Supervisor, Carbon Plant, in the Activated Carbon Division at the Neville Island Plant of Pittsburgh Chemical Company. He was formerly Production Supervisor at the Division's Big Sandy Plant, Catlettsburg, Kentucky.

CAPTAIN ROBERT M. MACCALLUM, A&S '52, of South Orange, New Jersey, arrived for duty at Sembach AB, Germany, with a unit of the United States Air Forces in Europe. He received his commission upon graduation at Maryland, where he was a member of Theta Chi.

HERBERT P. STUTTS, AGR. '52, M.S. '57, is serving as Placement Director at American University in Washington, D.C.

THOMAS E. LONG, LL.B. '52, has been promoted to Regional Marketing and Distribution Manager of the Kansas City, Missouri, division of the American Oil Company.

CAPTAIN ROBERT CAMPELLO, JR., BPA '52, is participating in Exercise Air Boon Choo, a Southeast Asia Treaty Organization military training operation being staged in Thailand. Captain Campello is an intelligence officer with Headquarters, Thirteenth Air Force at Clark AB, Philippines. His unit will provide tactical support for the joint U.S.-Thailand-Australia-New Zealand-United Kingdom operation.

DR. ROBERT N. HEADLEY, A&S '56, M.D. '56, has been promoted from Instructor to Assistant Professor of Medicine at the Bowman Gray School of Medicine, Winston-Salem, North Carolina.

DR. EDGAR ALLAN DAY, AGR. '53, received the Institute of Food Technologists award for research at the annual meeting of the Institute May 24-28. The award, which consisted of an honorarium of \$1,000 and a plaque, was given to "recognize research scientists who have demonstrated outstanding ability in research in some area of food science and technology."

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awarded the United States Air Force Commendation Medal for his meritorious achievement as chief of the standardization division of the 99th Bombardment Wing at Westover AFB, Massachusetts. He presently is a student at the Air War College at Maxwell AFB, Alabama.

CAPTAIN LAWRENCE D. CONWAY JR., BPA '53, San Francisco, California, has graduated from the course for U.S. Air Force air armament officers at Lowry AFB, Colorado.

CAPTAIN ERNEST B. MILLIGAN, A&S '54, an Air Force reserve pilot, died April 18, 1964, in a collision of two C-119 troop carriers over Ohio. While at Maryland, he was active as president of Gymkana and a member of the freshmen baseball team.

DANIEL B. LYONS, BPA '54, has been named manager of operations and traffic, Greyhound Van Lines, Inc., Greyhound's Chicago-based nationwide moving and storage subsidiary.

DR. JOHN J. MCGONIGLE, M.D. '54, is one of the 22 physicians to enter the residency program at Mary Hitchcock Memorial Hospital, N.H. He will begin postgraduate work as a specialist in dermatology. He has previously served as surgical resident at St. Vincent Hospital, New Hampshire, and Boston City Hospital.

ROBERT LEE WILLOUGHBY, BPA '54, has been appointed a local agent in the Richmond office of the State Farm Mutual Automobile Insurance Company.

EDMOND F. McKEOWN, JR., BPA '54, formerly Assistant United States Attorney for the District of Columbia, is presently Regulatory Attorney for the United Air Lines, Inc. Mr. McKeown resides in Chicago, Illinois and on August 31, 1963 was married to Miss Barbara S. Mundt.

CAPTAIN WILLIAM R. KENTY, A&S '54, College Park, Maryland, is participating in Exercise Delawar, a joint Iranian-U.S. military training operation being staged in Iran. The captain's unit will help provide tactical air support for the exercise.

DAVID H. SUDDERTH, JR., M.S. '54, was promoted to lieutenant colonel, April 22, 1964, while attending the regular courses at the U.S. Army Command and General Staff College at Fort Leavenworth, Kansas.

HERBERT J. WINEGAR, LL.B. '54, formerly patent attorney, Western Electric Company's Engineering Research Center, Princeton, New Jersey, has been promoted to International Patent Attorney. He is a member of the New York Patent Law Association and Eta Kappa Nu, the electrical engineer's national honor society.

JOHN H. GUENDER, A&S '54, has been promoted to Supervising Service Foreman, Wilmington Operations, in the Bell Telephone Company of Pennsylvania.

CAPTAIN CHARLES E. PUGH, U.C. '54, of Pompano Beach, Florida, participated in the Air Defense Command weapons system evaluation project at U.S. Air Force base at Tyndall, Florida.

COLONEL WOODROW A. ABBOTT, MIL. SCI. '55, has been presented the first Oak Leaf Cluster to the United States Air Force Commendation Medal at March AFB, California. He was awarded the medal for his meritorious achievement while serving as deputy commander for operations at Schilling AFB, Kansas.

MAJOR LEONARD M. WINTER, U.C. '55, was graduated from the associate course at the U.S. Army Command and General Staff College, Fort Leavenworth, Kansas, May 8, 1964. Major Winter is scheduled to be assigned to Headquarters, Seventh U.S. Army, Comptroller in Germany.

CAPTAIN WILLIAM H. SANDERS, BPA '55, is commander of the missile launch crew selected as the Outstanding Crew of the Quarter for the 851st Strategic Missile Squadron at Beale AFB, California.

ROBERT L. MINOR, AGR. '56, Washington, D.C., has been named director of the European office of Tobacco Associates in Brussels, Belgium. He formerly was executive secretary of the Burley and Dark Leaf Tobacco Export Association and the National Cigar Leaf Association.

MAJOR ALFRED A. PARADISE, U.C. '56, is now on duty with a United States Air Force advisory unit, assisting the armed forces of Viet Nam in their fight against Communism.

AUBREY W. GAMMILL, BPA '56, has been named manager of the office administration department at the Travelers Insurance Companies' Lubbock, Connecticut office.

KENNETH M. HOWARD, JR., ENGR. '56, M. ENGR. '60, has joined the Space Engineering Laboratory of Aero Geo Astro Corporation in College Park, Maryland as a technical advisor on space activities. He is a member of the Institute of Electrical and Electronics Engineers and several honorary societies.

JOSEPH J. HONICK, BPA '56, has been named Assistant Association Manager for the Institute of Industrial Launderers, Inc. The Washington-based organization is the trade association for the \$400 million a year industry which provides uniforms and dust control systems on a rental basis. He is chairman of the Education Committee of the Washington Chapter of the Public Relations Society of America; Sigma Delta Chi, professional Journalism society, and a member of the District of Columbia Urban Renewal Council and the National Press Club.

LYMAN HARWOOD FRASIER, ENGR.

'56, Rockville, Maryland, died in January of 1964.

COLONEL WILLIAM W. BERG, MIL. SCI. '56, Deputy Assistant Secretary of Defense for Military Personnel Policy, was recently promoted to Brigadier General in the Air Force following confirmation by the U.S. Senate.

DONALD E. CARRUTH, ENGR. '57, manager, Digital Command Department of Litton Systems Inc., has been appointed to be GSA Program Manager of Western Union. The new GSA network, with 1600 out-stations, will be the second largest Western Union private wire system, out-ranked by its AUTODIN system serving the Department of Defense.

JOHN PAUL WARFIELD, AGR. '57, and PHILIP DONALD ATES, BPA '59, have been appointed local agents of the State Farm Mutual Automobile Insurance Company in Charlottesville, Virginia.

ROGER D. REDDEN, LL.B. '57, Baltimore attorney, has been appointed an Assistant Attorney General of Maryland. An associate in the law firm of Smith, Somerville, and Case, he is also an elected member of the Junior Bar Association of Baltimore City's Executive Committee.

J. B. WATERS, PHY. EDUC. '57, a Professional Service Representative in the Lancaster, Pennsylvania, area for the pharmaceutical firm of Smith Kline and French Laboratories since 1958, has been transferred to the position of Hospital Service Representative in the Albany, New York, area.

LIEUTENANT COLONEL MICHAEL P. BOGDA, JR., U.C. '57, Greenwich, Connecticut, has assumed the position of executive officer of the 3500th Air Base Group at Reese AFB, Texas. Previously he was awarded the Distinguished Flying Cross and the Air Medal with seven Oak Leaf Clusters.

DR. GERALD P. BRIERLY, A&S '53, PH.D. '61, a biochemist and Assistant Professor at the Enzyme Institute, Madison, Wisconsin for the past three years, has accepted an Investigatorship with the American Heart Association at Madison.

RONALD H. BRIERLY, ENGR. '58, chemical engineer with Monsanto Chemicals, Texas City, Texas for the past five years, is now employed by the C. F. Braun and Company, Alhambra, California.

FREDERICK BILLIG, ENGR., M.A. '58, of the Johns Hopkins University Applied Physics Laboratory, Silver Spring, Maryland, received a Doctor of Philosophy degree in mechanical engineering from the University of Maryland. His doctoral paper dealt with combustion in supersonic streams, also his field of study as supervisor of the hypersonic ramjet project at the laboratory.

CARLOS M. GARZA, MIL. SCI. '58. San

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Antonio, Texas, was promoted to lieutenant colonel, March 2, 1964 while serving as research and development coordinator in Headquarters, U.S. Army Material Command, Washington, D.C.

CAPTAIN CHARLES M. WALTHER JR., BPA '58, has been selected by his classmates as the most outstanding speaker in the current 800-man graduating class at the United States Air Force Squadron Officer School at Maxwell Air Force Base, Alabama.

CAPTAIN WILLIAM F. SANFORD JR., ENGR. '58, has arrived for duty with an Air Force Systems Command unit at Norton AFB, California. Captain Sanford, a mechanical engineer, previously served at Davis-Monthan AFB, Arizona. His new unit supports the AFSC mission of research, development and testing of Air Force planes and missile systems.

MR. AND MRS. HOUSTON G. INGRAM, BPA '58, A&S '59, recently had a baby girl, Ellen Todd, who was born on May 1, 1963. Mr. Ingram is employed as a Texaco Sales Representative in the New York division. The couple reside in Danbury, Connecticut.

HAROLD M. ZOSLOW, BPA '59, has been appointed a vice president of Marvin J. Gerstein advertising and public relations agency. He has been serving as an account executive in the firm in Washington, D.C. Previously, he was with Jerry Litchman and Co., New York, and the Wall Street Journal.

LIEUTENANT COLONEL MACCOWAN NEWMAN, CSCS '59, Special Assistant on Budgetary Matters to the Army Surgeon General's Comptroller, received his new insignia of full Colonel during a promotion ceremony held in February of 1964.

VIRGIL H. MARSH, ENGR. '59, formerly of College Park, Maryland, joined the staff of the Du Pont Company's Photo Products Department Research Laboratory at Parlin, New Jersey, on March 30, 1964.

LIEUTENANT COLONEL HAROLD E. HOWARD, CSCS '59, of Little Rock, Arkansas, has completed the combat operations course at the Air Force Air-Ground Operations School at Hurlburt Field, Florida. Colonel Howard is director of operations for the Western Hemisphere Division at Headquarters, Nineteenth Air Force, Seymour Johnson AFB, North Carolina.

LIEUTENANT COLONEL ROY F. MARSDEN, U.C. '59, of Pasadena, California, recently returned to McClellan AFB, California, after participating in Operation Krazy Kat, an inflight navigational air mission. Colonel Marsden is a pilot on an Air Defense Command EC-121D Warning Star aircraft. He helped provide navigation assistance to 23 F-102 aircraft returning from Europe to the U.S. across the North Atlantic.

THE SIXTIES

DR. WALTER C. LESKY, M.D. '60, a new doctor in Hagerstown, Maryland, began practice in January of 1964. He is associated with Drs. Richard Young and A. Maynard Bacon. He is a member of the Baltimore City Medical Society and the Medical Chirurgical Faculty of Maryland.

JOSEPH P. PANNITTO, U.C. '60, of New York, has been promoted to chief master sergeant in the United States Air Force. The Sergeant is assigned to the 18th Communications Squadron as a radio equipment superintendent at Westover AFB, Massachusetts.

COLONEL JACK C. WHITE, U.C. '60, of Macon, Georgia, has completed the combat operations course at the Air Force Air-Ground Operations School at Hurlburt Field, Florida. Colonel White is chief of the Strategic Air Warfare Division at Headquarters, Tactical Air Command, Langley AFB, Virginia.

EDWARD ALLEN SHEPHERD JR., EDUC. '60, has been appointed a field claim representative in the Suitland, Maryland office of the State Farm Mutual Automobile Insurance Company. He is a resident of Hyattsville, Maryland.

JACK ZANE, BPA '60, former member of the University of Maryland Athletic Department, is currently working as Sports Publicity Director, George Washington University, Washington, D.C.

LIEUTENANT COLONEL ROBERT T. SIMPSON, U.C. '60, of Hampton, Virginia, is participating in Exercise Delawar, a joint Iranian-U.S. military training operation being staged in Iran. Colonel Simpson is director of operations for the Tactical Air Command's 463rd Troop Carrier Wing at Langley AFB, Virginia.

FIRST LIEUTENANT THEODORE F. KYTE JR., EDUC. '60, of Baltimore, has returned to Cannon AFB, New Mexico, after participating in Exercise Match Point, the Tactical Air Command aerial firepower competition at Hurlburt AFB, Florida.

LIEUTENANT COLONEL HARRY R. DEXTER, U.C. '60, of Maysville, California, has arrived for duty with a unit of the Pacific Air Forces at Osan AB, Korea. His new unit supports the PACAF mission of providing airpower for defense of the U.S. and its allies in the Pacific area.

MAJOR KALMAN D. SIMON, U.C. '60, of Tulsa, Oklahoma, helps monitor the missile launch equipment of a Titan II weapon system at a hardened missile site in Kansas. Major Simon is commander of a Strategic Air Command (SAC) combat-ready missile crew at the control center.

WESLEY I. SAUTER, EDUC. '55, M.ED. '60, a youth leader and guidance counselor in the Montgomery County School System, died of cancer March 11, 1964.

at Suburban Hospital, Baltimore. He was active in the Fourth Presbyterian Church at Bethesda, the Montgomery County Boys Baseball Association, The Boy Scouts, YMCA. He began his teaching career at the Takoma Park Junior High School in 1955, and in 1959 he became a guidance counselor at Montgomery Hills Junior High School in Silver Spring. He is survived by his mother and two brothers. Mr. Sauter was 31 years old.

BARBARA KAY KELLER, A&S '61, of Baltimore, has received a graduate award in psychology at Bryn Mawr College, Pennsylvania, for study during the year 1964-65.

MAURICE BARKLEY, A&S '61, was appointed technical director of market reports and special tabulations. Mr. Barkley, a speech major at Maryland, is currently working on a graduate program in radio and television. He and his wife, the former Joan McKeown, H.E.C. '61, live in Laurel, Maryland with their two children.

HOWARD S. CHASANOW, A&S '60, LL.B. '61, has been named the first Deputy State's Attorney for Prince George's County, effective June 1, 1964. He earned his LL.M. in '62 from Harvard University.

SECOND LIEUTENANT RONALD W. BYERS, A&S '61, Columbia, South Carolina, completed an eight-week officer orientation course at the Army Infantry School, Fort Benning, Georgia, March 10, 1964.

MAJOR WAYNE MUSGROVE, U.C. '61, of Texarkana, Texas, is now on duty with a United States Air Force advisory unit assisting the armed forces of Viet Nam in their fight against Communist aggression. Major Musgrove, a pilot, and other USAF personnel train and assist Vietnamese Air Force personnel in mastering various technical specialties necessary for maintaining modern military units.

WILLIAM L. HOPKINS, JR., ENGR. '61, was married on February 29, 1964, to Miss Nancy Heydt of Paradise Falls, Pennsylvania. Mr. Hopkins is employed by Jersey Central Power & Light Company in Morristown, New Jersey. He was a member of Alpha Tau Omega.

LIEUTENANT COLONEL NORMAN W. PINNEY, JR., U.C. '61, of Cortez, Florida, was among a select group of Air Force and Air National Guard officers who attended the eastern regional conference of the Ground Electronics Engineering-Installation Agency at Brookley AFB, Alabama. Colonel Piney is commander of the 281st Ground Electronics Engineering—Installation at Olmsted AFB, Pennsylvania.

SECOND LIEUTENANT JAMES A. RYAN, EDUC. '61, of Washington, D.C., has completed the United States Air Force special training course for combat crew members at Castle AFB, Cal-

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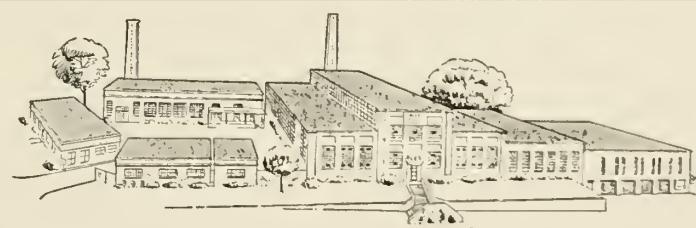
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ifornia. Lieutenant Ryan, a KC-135 Stratotanker navigator, is being assigned to the 914th Air Refueling Squadron at Blytheville, Arkansas.

VINCENT D. LIMAURD, A&S '61, of Lynn, Massachusetts, has been commissioned a second lieutenant in the United States Air Force upon graduation from Officer Training School at Lackland AFB, Texas.

LIEUTENANT COLONEL E. ASA BATES, JR., U.C. '62, Montclair, New Jersey, had been decorated with the first Oak Leaf Cluster to the United States Air Force Commendation Medal at Maxwell AFB, Alabama. Colonel Bates received the medal for his meritorious service as organizational planning officer for Headquarters, USAF. He is now a student at The Air University's Air War College on base.

COLONEL JOHN A. C. ANDREWS, A&S '62, of Philadelphia, Pennsylvania, has arrived at Scott AFB, Illinois to assume the position as chief of the intelligence division with the Military Air Transport Service. Prior to this assignment, Colonel Andrews was commander of Hahn AB, Germany.

CAPTAIN LELAND R. MCGINNESS, U.C. '62, of Maryville, Missouri, graduated from the United States Air Force's Squadron Officer School at the Air University at Maxwell AFB, Alabama.

CLAUDE OTIS BARNHILL, U.C. '62, Oakland, California, died on April 28, 1964, as a result of an injury received in a jeep accident in the Philippines on April 14, 1964.

FIRST LIEUTENANT RICHARD D. SWITZER, BPA '62, Springfield, Pennsylvania, is being reassigned to L. G. Hanscom Field, Massachusetts, following his graduation from the course for U.S. Air Force accounting and finance officers at Sheppard AFB, Texas.

LIEUTENANT COLONEL JOHN H. STATTS, U.C. '62, of King of Prussia, Pennsylvania, was decorated with U.S. Air Force Commendation Medal at Dyess AFB, Texas. Colonel Statts was awarded the medal for meritorious service as commander of the Tactical Air Command's 17th Troop Carrier at Dyess.

FIRST LIEUTENANT JON B. PARKER, EDUC. '62 of Silver Spring, Maryland, is in the field with U. S. Air Force Military Air Transport airlift units now engaged in Exercise Desert Strike being conducted by U.S. Strike Command. The realistic combat operation is the largest joint air-ground training maneuver in the southwestern states since World War II.

LIEUTENANT COLONEL ELDON N. COLBY, U.C. '62, of South Gate, California, graduated June 5, 1964 from the Air War College, the U.S. Air Force's senior professional school, at the Air University, Maxwell AFB, Alabama.

BERNARD JOSEPH MCKENNA, A&S '62,

received the degree of Master of Arts in History from Pennsylvania State University in June of 1964.

WALTER G. SCHWEITZER, PH.D. '62, a physicist in the Spectroscopy Section of the Atomic Physics Division of the National Bureau of Standards, was presented a Silver Medal Meritorious Service Award recently at the 16th Annual Awards Program of the Department of Commerce. He received his award "For outstanding research on the development of new and precise wavelength standards, and for the very precise measurement of the hyperfine structure of mercury."

GEORGE HRONEK, ENGR. '63, is presently assigned to the TFX project in the Fort Worth-Texas division of General Dynamics Corporation.

LIEUTENANT COMMANDER RAYMOND ALLEN WILKINSON, U.C. '63, died of a cerebral hemorrhage on March 1, 1964, in Landstuhl, Germany, while visiting there with his wife. He was stationed in Paris with the U.S. Navy.

CAPTAIN JOHN J. ABELE, U.C. '63, participated in Exercise Delawar, a joint Iranian-U.S. military training operation staged in Iran during the month of April, 1964. Captain Abele is an Air Force pilot with a Tactical Air Command unit at Stewart AFB, Tennessee.

CHARLES EDWARD STONER, A&S '63, has been appointed field property claim representative in the Washington office of the State Farm Mutual Automobile Insurance Company. He is a resident of Bladensburg, Maryland.

ROBERT W. HENDERSON, PHARM. '63, has joined the Baltimore sales force of Eli Lilly and Company. He is a member of the American Pharmaceutical Association.

ROBERT E. HENDRIX, ENGR. '63, has been selected by Westinghouse to attend the Advanced Design School, a program conducted for young inexperienced engineers who have shown high potential in technical areas. The curriculum encompasses both electrical and mechanical engineering studies at the graduate level.

SECOND LIEUTENANT THOMAS F. KING, BPA '63, of Libertytown, Maryland, has entered United States Air Force pilot training at Laredo AFB, Texas.

GERALD B. SABO, A&S '63, of College Park, Maryland, has been commissioned a second lieutenant in the United States Air Force upon graduation from Officer Training School at Lackland AFB, Texas. He is being reassigned to Lowry AFB, Colorado for training as an avionics officer.

HAROLD G. WIEGLAND JR., BPA '63, of Baton Rouge, Louisiana, has been commissioned a second lieutenant in the United States Air Force upon graduation from Officer Training at Lackland AFB, Texas. He is a member of Lambda Chi Alpha.

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MONTY H. KEMP, BPA '63, of East Riverdale, Maryland, has been commissioned a second lieutenant in the United States Air Force upon graduation from Officer Training School at Lackland AFB, Texas. He is being reassigned to Laredo AFB, Texas, for pilot training.

GERALDINE MARIE CASE, H.E.C. '64, was married to John Fowler Schaefer, Ensign, United States Navy, June 13, 1964, in Long Beach, California.

HENRY E. CARMINE, JR., EDUC. '64, of Baltimore, has been selected for duty as an education and training officer following his recent commissioning as an Air Force second lieutenant.

JOHN R. McDONOUGH, ENGR. '64, Silver Spring, Maryland, has arrived at Norton AFB, California, for duty as an aeronautical engineer following his recent commissioning as an Air Force second lieutenant.



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HOMECOMING SCHEDULE

November 14

10:00 ALUMNI REGISTRATION—Student Union (Information on all activities and events)

- Both the new dormitories and the Center for Adult Education will be open for inspection.
- Homecoming house decorations will be on display at the dorms and sororities.
- Continuous showing of filmed football highlights in Student Union Auditorium.
- Golf Driving and Putting Contest for alumni at Golf Driving Range . . . (All equipment provided)
- Bowling contest at Student Union—Prizes will be offered for the golf and bowling events.

11:00-12:30 BUFFET LUNCHEON SERVED AT STUDENT UNION BALLROOM

At Noon a brief welcome to alumni will be extended by President Wilson H. Elkins, and Mrs. Erna Chapman, President of the Alumni Association. An added feature of the brief program will be choral selections by the University Combined Men's and Women's Chorus under the direction of Prof. Paul Traver.

1:30 FOOTBALL GAME—MARYLAND VS. CLEMSON at Byrd Stadium preceded by the float parade. . . . Another special attraction at Byrd Stadium will be the crowning of the Homecoming Queen.

4:30 COMPLIMENTARY REFRESHMENTS immediately following game in new Center for Adult Education. Trophies will be awarded to the winners of the morning golf and bowling competition.

5:30 DINNER will be available in the Center for Adult Education Restaurant. Why not get a group together for dinner and indicate your plans by filling in the coupon below and returning to the Alumni Office as soon as possible, so that adequate plans may be made to accommodate you. The cuisine is excellent.

8:00 to Midnight HOMECOMING DANCE at the Armory. Music for dancing will be furnished by the Glenn Miller Orchestra, Ray McKinley conducting. Dress for the occasion is semiformal. Tickets will be available at the door at \$3.00 per couple.

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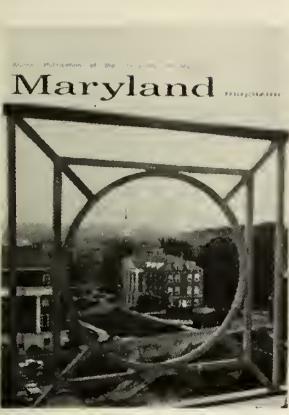
There will be _____ persons in my party for dinner at the Center for Adult Education in the evening.

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Alumni Publication of the University of Maryland

Volume XXXVI July-October Number 4



THE COVER: This is a view of the campus which is available only to those who are strong and persistent. It was taken from the cupola of Anne Arundel Hall. In the railed circle is the Journalism Building; the chapel spire rises above the horizon; McKeldin Library is on the lower left. Photographer Doran Levy overcame obstacles presented by a suspicious house mother, and a difficult climb by steel ladder to the final trap door. Of unusual interest in this issue are articles listing the considerable number of our alumni who have become clergymen; a report on what has happened to women students who majored in engineering; and the gratifying news that the United Chapters of Phi Beta Kappa have authorized formation of a chapter at the University.

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THE PRE-VOTERS

A Study of the Political Attitudes and Motivations of Pre-voting Age College Students

POPULAR PERIODICALS OF RECENT VINTAGE HAVE BECOME engaged in a controversy concerning the political image of college students: Do today's college students have a more "conservative" than "liberal" orientation? Moreover, if they do, may this be accounted for as a reaction against the "liberal" orientation of the last generation who grew up under the influence of the depression of 1929, and of the social welfare legislation enacted during and since that period?

We intend to abstain from this popular speculative controversy, and endeavor to attack the problem using a modern method—collecting data from a behavioral type survey.

The current literature on voting behavior offers several methods for studying the political orientations and motivations of members of the electorate. Almost all of these studies, however, cover only those persons who, having attained the statutory legal age for voting, actually participate in the political arena. There is a lack of material, unfortunately, about the pre-voting age person, who—it is recognized—has some political orientation, but who is too young to vote. We have limited our survey, thus, to pre-voting age college students. Focusing attention on the political behavior of these young persons, moreover, is important not only because the number of young persons attending college is rapidly increasing, but also because as graduates they will play an increasingly important role as opinion leaders and political decision makers in the community.

A questionnaire was drafted and distributed to 325 students taking "American Government (G. & P. 1)" which is a required course for all students at the University of Maryland. The questionnaires were administered in class during the fall semester, 1963, with the responses written. The students remained anonymous. Of these responses, 76 were eliminated because of incomplete answers or because the respondents were over the 21 age limitation we had imposed. The usable responses were then codified, punched onto IBM cards, and processed through IBM counter-sorter machines at the University.

Since the political orientation of males and females are somewhat different, not only in psychoanalytic theory, but also in terms of culturally related roles of each in a political society; and since the relations of males and females to their mothers and fathers are somewhat different, for similar reasons, we have considered the sexes separately throughout the analysis. The sample population thus broken down, amounted to 135 male students and 114 female students.

I. Political Attitudes

A major problem in any study of political attitudes is the definition of political positions. Americans who—it is generally agreed—are by no means ideologues, appear to have less difficulty in categorizing their own position than in spelling out their substantive views. Consequently, a set of familiar political labels used as categories placed on a simple left-to-right continuum may be utilized. This set has been found to be most meaningful to American college students.¹ The students are presented with socialist, liberal, and conservative categories; the latter two being further subdivided by a qualifying adverb. The responses to this inquiry are found in Table 1.

The results demonstrate the predisposition of the students toward liberalism. The ideological predisposition of fully two-thirds of the total students fall within the liberal views categories. The female students, we note, are more liberal than the male students (73.7% to 70.9%), though none appear to be extremely liberal (i. e., socialist). It is interesting to note, further, that relatively few cases are to be found in the extreme categories. It appears, also, that males were more likely than females to have no crystallized political views.

II. Student Rebellion

The current controversy that we noted in the outset of this paper is two fold. Having investigated the first aspect, i.e., the direction of today's college students' political orientation—and finding it to be liberal—we turn now to see whether this is a manifestation of conformity with the last generation, or whether there is some rebellion against parental political beliefs.

Morris Levitt is a graduate assistant and summer lecturer in the Department of Government and Politics in the College of Business and Public Administration, and an Instructor in University College. He received his B.A. degree from Pace College in New York City in 1960 and his M.A. degree from the University of North Carolina in 1962. His interest in voting behavior began at North Carolina with the writing of his master's thesis, "The Female Voter—A Study of the Effect of work and Marriage on the Political Behavior and Attitudes of the American Woman," which was based on results of a nationwide survey conducted by the Survey Research Center in Michigan. His dissertation for his doctorate, which he hopes to receive in 1965, will be a study of apathy—the factors of non-voting in the American electorate.

The respondents at the University of Maryland were asked to place their parents on the same political ideology spectrum that they considered for themselves. It is not essential that the position attributed to the parents by the respondent be accurate; for the purposes of this study what the parents actually believe is far less important than what the student thinks they believe. This is presented in Table 1, also.

As noted above, the modal category for the students was moderately liberal. The same results are found for

TABLE I
Political Views of Students and Perceptions of Parental Views, by Sex

POLITICAL VIEWS	PERCENT HOLDING VIEWS	PERCENT PERCEIVED TO HOLD VIEWS		PERCENT OF STUDENTS
		Fathers	Mothers	
Male students:				
Socialist	1.4%	0.7%	0.7%	
Highly liberal	8.8	8.1	8.1	
Moderately liberal	50.7	38.6	33.3	
Moderately conservative	26.6	34.8	34.8	
Highly conservative	3.7	8.1	10.3	
No political views	8.8	9.7	12.6	
Total	100 %	100 %	100 %	
Number of cases	135	135	135	
Female students:				
Socialist	0.0%	0.9%	0.9%	
Highly liberal	14.0	7.0	8.7	
Moderately liberal	59.7	50.8	46.5	
Moderately conservative	21.0	29.8	28.0	
Highly conservative	1.8	3.5	5.4	
No political views	3.5	7.9	10.5	
Total	100 %	100 %	100 %	
Number of cases	114	114	114	

the perceived positions of the parents (mothers of the male students digressing slightly).²

The views of the students as compared to the views they attribute to their parents may become clearer if rearranged into classifications of rebellion:³

1. Rebels to the left of parents: The student places himself to the left of both parents or to the left of one parent when the other parent has no political views or when his views are unknown to the student.

2. Rebels to the right of parents: The student places himself to the right of both parents, or to the right of one parent when the other parents has no political views or when his views are unknown to the student.

3. Conformists: The student shares the beliefs of one or both of his parents.

4. Independent crystallizers: The student has arrived at the political position although both his parents either have no political views or have views of which he is unaware.

5. Uncrystallized: The student has no explicit political views.

The degree of rebellion is less than that of conformity; see Table 2. Over half the students (53 percent) are found to be conforming to the shared beliefs of one or both of their parents; while just over a third of the students (38.2 percent) were rebels. The patterns of the male and female respondents are consistent, though the degree of similarity alters in every category. Females conform to their parents' beliefs more than males (a difference of nearly 10 percentage points.)

Among those who rebel, there is a slightly greater tendency to move to the left of their parents than to the right. It appears, then, that those students who deviated from the political preference of their parents are as likely to do so in a conservative direction as in a liberal direction.

TABLE 2
Political Views of Students in Relation to Perceived Parental Views

RELATION OF STUDENT VIEWS TO PERCEIVED PARENTAL VIEWS	PERCENT OF STUDENTS		
	Male	Female	Total
Rebels to left of parents	20.9%	21.9%	21.3%
Rebels to right of parents	18.3	14.9	16.9
Conformists	48.2	58.8	53.0
Independent crystallizers	3.7	0.9	2.4
Uncrystallized	8.9	3.5	6.4
Total	100 %	100 %	100 %
Number of cases	135	114	249

III. Personality Factors

The part that personality factors play in the mass political process has been the subject of much controversy. Harold Lasswell, who fostered an interest in psychology as a tool in political analysis, once wrote: "The significance of political opinions is not to be grasped apart from the private motives which they symbolize."⁴ From this viewpoint personality differences so color the processes of perception and the development of attitudes that any account of behavior—political as well as social or economic—must lean to some degree on personality theory. We recognize that personality factors do not totally shape response dispositions; they only contribute to those dispositions under certain circumstances. We do feel, however, that in trying to analyze potential voters, we should pay some attention to the aspects involved with personality.

A. Authoritarian Personality.

Perhaps a key to political participation can be found in a study of the authoritarian personality. Authoritarianism is a syndrome rather than a single psychological trait. It is a pattern of interrelated predispositions: conformity, rigidity, conventionality, submissiveness, power and toughness, strong leadership worship, etc.

The predisposition to conform to authority is directly relevant to the study of political behavior in a democratic society. It is significantly and directly related to such feelings as political ineffectiveness and to apathy, which we shall discuss below.

Authoritarianism is relevant in explaining political orientation and feelings of self-confidence about politics. Authoritarian attitudes imply personal frustration and resulting hostility and impatience with democratic efforts. Highly authoritarian persons tend to express feelings of political futility while others feel more politically effective. Furthermore, authoritarian environs operate to limit the information one receives, to retard the development of efficiency in judgement and reasoning abilities, and to confine the attention to the more trivial interests in life.

Authoritarians tend to view politics in black and white terms; have a desire for immediate action, an impatience with talk and discussion, a lack of interest in organizations which have a long-range perspective, and a readiness to follow leaders who offer a demonological interpretation of the evil forces which are conspiring against them.

In response to questions designed to test for the authoritarian syndrome, the students were to agree a lot, agree a little, disagree a lot, or disagree a little. Their answers were weighted for scoring purposes. A value of 4 was

given for those responses agreeing a lot, 3 for those agreeing a little, 2 for those disagreeing a little, and 1 for those disagreeing a lot. A perfect score of 1 would be given to those who showed no signs of authoritarianism by disagreeing to every statement. A high score shows a high inclination to the authoritarian syndrome.

Generally the students display a low score. The male score was computed to be 2.30, the female 2.19, and the score for the general body of respondents 2.25. Female students thus display the patterns of the authoritarian syndrome less than the males; and as a subgroup rank below the total score of the group. These scores demonstrate a tendency of political attitudes that continue in other political attitudes discussed below.

B. Political Efficacy.

Other aspects of political behavior may also reflect personality dynamics. It is reasonable to look for some influence of personality organization on the inclination to participate politically. While we have chosen a pre-voting age sample, it is worthwhile to look at this variable which may be conceived as lying at a relatively "deep" level in any hierarchy of dispositions. It is believed that this factor represents highly generalized orientations toward the world of politics and could be expected to remain rather stable over a period of time.

The measure of political efficacy is designed to capture differences between individuals in a basic sense of control over the workings of the political system. Efficacy is the feeling that political activity is worthwhile; "that individual political action does have, or can have, an impact upon the political process, i.e., that it is worthwhile to perform one's civic duties."⁵ Furthermore, it is the feeling that political as well as social change can occur, and that the individual citizen can play a part in bringing about this change.

In response to questions designed to test for political efficacy, the students were to agree a lot, agree a little, disagree a lot, or disagree a little. Their answers were weighted for scoring purpose as explained above in the discussion on authoritarianism.

Generally the students display a high score. Remembering the perfect score to be 4, the results showed that the males ranked with a score of 3.09, the females 3.12, and the total score for the group was 3.11. The females who scored as a group lower on the above scale, continue the pattern by scoring higher than the males on this scale.

C. Citizen Duty.

Similar to, but not the same as efficacy, is another factor in political behavior, a sense of citizen duty. This is the feeling of participation in political processes regardless of efficacy; "it is the feeling that oneself and others ought to participate in the political process, regardless of whether such political activity is seen as worthwhile."⁶

The sense of citizen duty differs from political efficacy in one further way. Political efficacy may be determined in part by broader personality trends than those which reflect immediate political experience. The sense of control or mastery over the environment is an important component of modern personality theory, i.e., that one is aware in a general way as to how successful he is in transactions with his environment. Citizen duty is also

a response to moralistic values about citizen participation, i. e., how one is apt to endorse the common "oughts" of good citizenship.

If the reader will bring to mind once again the scoring process described above, and remember that a score of 4 would show a perfect sense of citizen duty, he will note that with the males scoring 3.30, the females 3.45, and the entire group average at 3.37, the females once again score higher than the males in this political variable.

IV. Conclusion

The survey of political views of selected students at the University of Maryland showed several interesting facets of political attitudes and motivations of pre-voting age college students.

The students generally had a political predisposition toward the more liberal end of a political ideology continuum. Female students appeared more liberal than male students on the measurement scale. Few students, however, of either sex identified themselves with extreme ideological positions. It appears, from the analysis undertaken in part one, that the popular conception of overwhelming conservatism among college students, is not a completely correct one. While it is difficult to generalize from our study alone, we note that the same held true in one other survey which had selected a larger sample in a wider spread of colleges.⁷

The last generation appears to have an important influence upon the current generation of students interviewed. Rather than rebelling against their parents' political views, over 50 percent of the students conformed to them. Moreover, over one-fifth of the sample (or over half of those who did rebel from parental views) appear to take an ideological position to the political left of their parents.

Investigating selected personality factors, that have been deemed to have influence on political attitudes and motivations, we found what may be considered a consistency with the apparent political views of the students. The student respondents displayed a very optimistic and strong orientation to the political world and to their participation in that world. They felt that participation in the political process is worthwhile, and that they have some control over affecting governmental policy decisions in various ways, as well as through the ballot which they soon will be legally able to cast. Moreover, they agreed to the common "oughts" of good citizenship and felt that one should participate in the political process as a civic duty. While student responses were generally high, the female respondents appeared to have a more optimistic and strong orientation than the males; which is in agreement with their predisposition toward liberalism moreso than their male colleagues.

Notes:

1. See especially: Russell Middleton and Snell Putney, "Student Rebellion Against Parental Political Beliefs," *Social Forces*, 41 (May, 1963), pp. 377-383.
2. It is of personal interest to note the remarkably similar political viewpoints of the parents as perceived by the students. Tested data gathered in a nation wide survey showed that the percentage of similar views of husbands and wives are 86 percent. This appears in our "The Female Voter: A Study of the Effect of Work and Marriage on the Political Behavior and Attitudes of the American Woman,"
3. See Middleton and Putney, *op. cit.*, p. 380.
4. *Psychopathology and Politics*, (Chicago: University of Chicago Press, 1930), p. 172.
5. Angus Campbell, et. al., *The Voter Decides*, (Evanston, Ill.: Row Peterson and Company, 1954), pp. 187-194.
6. *ibid.*, pp. 194-199.
7. Middleton and Putney, *op. cit.*

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R COMMITMENT N IN MARYLAND

Completion At College Park



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RIO

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The Center's facilities are located in five stories and a basement. They include kitchen and dining facilities for 450-500 persons, an exhibit area of approximately 4,300 square feet, a coffee shop seating 92 persons, administrative offices for University College, seven conference rooms with a capacity of 555, 116 bedrooms, and parking facilities for 400 automobiles.

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COLLEGE OF EDUCATION & GENERAL CLASSROOM BUILDING

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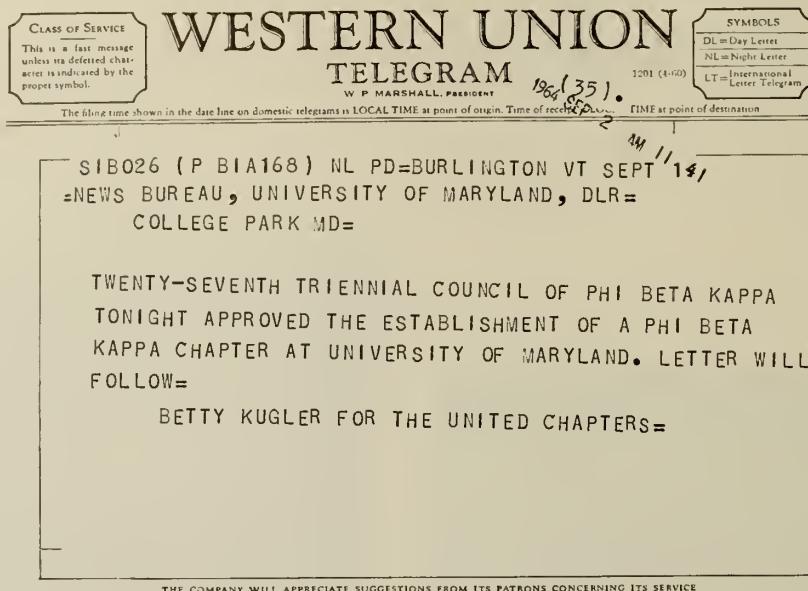
General contractor JAMES POSEY ASSOCIATES

Total cost \$1,610,000

Total gross floor area 112,505 SQUARE FEET

Estimated completion date: 1965

This building is to house all departments of the College of Education, except Industrial Education.



Phi Beta Kappa Authorizes Establishment of a Chapter at the University

THE UNITED CHAPTERS OF PHI BETA KAPPA, THE NATIONAL Honor Society of the liberal arts and sciences, has notified the Phi Beta Kappa members of the faculty of the University of Maryland that they will be authorized to organize a chapter of the Phi Beta Kappa on the College Park campus. The Phi Beta Kappa Society was originally founded in 1776 and now includes over 160 colleges and universities with active chapters. The purpose of the society is to recognize outstanding achievement and to promote high standards of scholarship in the liberal arts and sciences. Notification came September 2.

President Elkins, himself a member of the Phi Beta Kappa Chapter at the University of Texas, was pleased by the University's election. Dr. Elkins assumed the presidency of the University in 1954. In his report this year to the University's Board of Regents, he said, ". . . this has been a decade of progress and promise. For this we owe a debt of gratitude to all of the past, and a note of appreciation to all those in the present whose contributions give promise for greater educational achievement in the future." The President has received wide recognition for his establishment at the University of high academic standards and scholarly achievement.

Mrs. Erna R. Chapman, President of the University's Alumni Association, telegraphed this message to President Elkins: "On behalf of 50,000 alumni of the University, congratulations on the establishment of a Phi Beta Kappa Chapter at the University of Maryland. This is indeed a shining hour for our great University."

Dr. John S. Toll, Chairman of the Department of Physics and Astronomy, is President of the University's Phi Beta Kappa Association. In his statement describing the University's efforts to locate a chapter here, Dr. Toll said,

"The University of Maryland has an unusually large group of over 140 faculty members who were elected as members of the Phi Beta Kappa at other institutions. It is this group which will form the nucleus of the Phi Beta Kappa Chapter at the University of Maryland, and in future years, outstanding undergraduate students in the Arts and Sciences at the University of Maryland will then be elected to the society on the basis of their academic achievements."

"The selection of the University of Maryland as the site of a new chapter of Phi Beta Kappa is in recognition of the high standards of scholarship at the University. The emphasis on quality in all aspects of the University's program has been supported by President Elkins and the Board of Regents. The establishment of the Phi Beta Kappa Chapter is but one of the ways in which students of high scholarship can achieve recognition. Recently, the College of Arts and Sciences has introduced an Honors Program in most of its departments which permits the exceptional students to undertake more independent studies and advanced work than is included in the normal academic program. The University Library has been greatly increased and is now one of the best university research libraries in the region. Modern classrooms and laboratories also have been constructed. Nearly all of the departments of the College of Arts and Sciences have been provided with new and renovated classrooms and many special research facilities have been constructed as needed in the sciences."

"The University has also emphasized quality in the expansion of the faculty and the resulting teaching staff is outstanding in many areas. Several faculty members have received Fulbright scholarships, Marshall scholarships, Social Science Research Council Grants, as well as fellowships from the Guggenheim Foundation, National Science

Foundation (junior and senior awards), NATO, the Sloan Foundation, and the Ford Foundation. One faculty member won the J. Lawrence Smith Medal of the National Academy of Sciences, one was named to the list of the '10 Outstanding Men of 1959' in a national selection by the United States Junior Chamber of Commerce, two have won (in different years) the \$1,000 top prize in the annual Babson Awards in Gravitation, and one won the Arthur A. Fleming Research Award, and one won the Maryland Academy of Sciences Award for the Outstanding Young Scientist of 1963. The Washington Academy of Sciences gives one award each year to one outstanding scientist in each of several fields; during the past four years, nine of these prizes have been won by University of Maryland scientists, the largest number awarded to any one university or laboratory.

"The standards of undergraduate students also have been improving, as demonstrated by scores on national examinations. The graduates of the University have achieved wide recognition in many fields of scholarship and public service. A survey of graduates from 1957 to 1961 showed that approximately 60% completed at least one year of graduate study. Graduates from this same period had been awarded a variety of fellowships, including Woodrow Wilson Foundation (in 1964 seven undergraduates were named winners), Fulbright, Randolph Hearst, Ford Foundation, U. S. Public Health Service, Union Carbide, National Science Foundation, Du Pont, and National Institutes of Health. Graduates also

hold professorships at leading universities (e.g. Princeton, M.I.T., University of California, etc.) and important posts at other centers of scholarship.

"The institutional goal of the University of Maryland is excellence in all of its endeavors. The establishment of the Phi Beta Kappa Chapter on the College Park campus will be of great importance in maintaining these standards of excellence. In addition to recognizing outstanding undergraduates by election to the chapter, the Phi Beta Kappa group will also continue to grant scholarships and prizes to outstanding students and to sponsor lectures on the campus by visiting scholars.

"One important feature of a group such as Phi Beta Kappa is to stress the unity of the study of the arts and sciences. In this age of specialization, it is important to have a unifying group such as Phi Beta Kappa, which stresses the common spirit of all the arts and sciences and the function of the university as a 'community of scholars.' The recent adoption of a new program of General Educational Requirements of the University and the new General Honors Program in the Arts and Sciences are moves to encourage programs that link good students in all departments of the College. The establishment of the new chapter of Phi Beta Kappa will be a major step in the maintenance at the University of a program of undergraduate education of high academic standards and a broad liberal viewpoint in scholarship."



President Wilson H. Elkins holds a formal petition from members of the University of Maryland Phi Beta Kappa Association which was presented along with their application for the establishment of a local chapter at the University. The petition and application were made to the United Chapters of Phi Beta Kappa. The Association was notified September 2

of the United Chapters' affirmative decision. From left to right: Dr. John S. Toll, Professor and Chairman, Department of Physics and Astronomy; Dr. Homer W. Schamp, Jr., Professor, Molecular Physics; President Elkins; Dr. R. Lee Hornbake, Vice President for Academic Affairs; Dr. Charles Manning, Dean of the College of Arts and Sciences.



Reconstructing a COVERED TIMBER BRIDGE

by ALBERT S. SALKOWSKI, Class of 1950, School of Engineering

UNLIKE THEIR MODERN COUNTERPARTS, the men who made yesterday's bridges could not move mountains or streams to accommodate their needs and therefore they had to put a great deal of ingenuity and sweat into the building of a covered bridge. Our grandfathers had no such things as diesel shovels, bulldozers or dynamite, and the terrain—not men—dictated where the big spans should be. And when it came to actual construction, their equipment consisted of a few crude tools, native skill and the pioneer virtues of perseverance and hard work. And the usual material of construction for bridges was wood.

But why were bridges covered? This question is as old as the bridges themselves. Well, they were not covered to protect the user, his horse or his load of hay. They were not covered so that horses would think they were barns, or prevent old Dobbin from shying at the glint of water. Nor were they covered to keep snow off the floor. And certainly they were not covered, as one tongue-in-cheek theory has it, to prevent a traveler's knowing what kind of town he was

approaching until it was too late to turn back.

The real and only reason for covering bridges, discounting all tales, theories, and legends, was to protect the wooden skeleton and thus preserve the bridge itself.

Maryland was in the forefront in the development of wooden bridges. In addition to having the first covered wooden overpass and the first wooden truss railroad span, the Old Line State had its share of wooden highway bridges—big and little.

The stream called Gunpowder Falls in Baltimore County once was spanned by covered bridges at Monkton and Loch Raven. By 1961, only one spanned this stream, called the Bunker Hill Road Bridge. Built in 1880 and restored in 1947, it stood on a side road northwest of Hereford. It had an arch truss based on Theodore Burr's design with overhanging portals that sported a neat board-and-batten finish. On Saturday, November 18, 1961, the Bunker Hill Road covered timber bridge was destroyed by fire and the ashes were not discovered until morning.

Immediately thereafter a hue and cry was heard from those who felt

that the artistry of our forefathers should be preserved at all costs and that a replica of the original timber bridge should be constructed. On the other hand, there were those who thought a new, modern bridge of structural steel and reinforced concrete should replace the last reminder of the old-type covered timber bridge in Baltimore County.

A timber covered bridge was favored not only because of the interest in covered bridges and the fact that this would be the only such bridge owned by Baltimore County, but also because of the remoteness of the location, the minimal traffic, lack of plans for future development in the area, and economy.

It was decided to construct a replica of the destroyed bridge.

How is an engineer to construct a replica of a bridge destroyed by fire when no construction drawings are available? A study of the main structural members, which had not been completely destroyed, revealed that the bolted connections were structurally insufficient although the timber sizes indicated more than adequate load-bearing capacity. Some research was a necessity. The remaining tim-



ber bridges in nearby counties were inspected. Newspapers and reference books on timber bridges were one source of information, and photographs taken of the bridge in question by a covered bridge enthusiast, before its destruction, were an invaluable aid.

A study of the photographs revealed that the main structural member was an auxiliary truss.

Except for minor alterations, the existing stone abutments were utilized. The changes in the abutments consisted of pouring a 6-inch reinforced concrete bridge seal and back-wall. Also, reinforced concrete pilasters were poured against the stone abutments to resist thrust from the arches.

The new bridge was planned as a replica of the old bridge, to be made up of timbers of the same size.

The main structural components of the bridge, the two auxiliary trusses (truss-arches), carry the load. The through-truss span is 107 feet long.

The bridge is constructed for one lane of traffic, with a clear horizontal distance between timber wheel guards of 12 ft. 6 in. The minimum vertical clear distance of the wheel guard and over the knee-brace is 11 ft. 8 in. At the center of the bridge, the vertical clear distance is 13 ft. 1 in. To minimize the possibility of destruction by fire, the stringers, plank floor, and wheel guards were pressure-treated with a fire retardant preservative. Resurfacing or remilling, other than ordinary end-cutting of

lumber, was prohibited. All lumber treated with a fire retardant was kiln dried after treatment and had to be protected against moisture until placed.

To give the timber an appearance of antiquity as well as to protect it against the elements, the auxiliary truss, the roof and sheathing, and the floor beams were treated with a solution of pentachlorophenol. All cuts and abrasions in the treated lumber were brush coated with a minimum of two applications of the solution. Bolt holes bored after treatment were treated by means of an approved pressure bolt-hole treater. Recesses made for countersinking were given at least two coats of the pentachlorophenol solution.

All fabricated members were individually wrapped in a moisture-resistant paper for protection in transit and storage. The timber members were protected against precipitation during erection by covering them with polyethelyne. This protective wrapping was not removed until the roof and siding were in place.

The siding was made of 1 x 10 finger-jointed end-glued pieces of kiln-dried, vertical-grain redwood with 1 x 2 matching batten strips. Both sides of the siding were textured coarse-sanded for uniformity of appearance on both the outside and inside of the bridge.

Two coats of stain were applied to the redwood siding.

Roof shales were hand-split red cedar shingles of random width, 24 in. long, delivered untreated to the

site. They were hand dipped in exterior redwood stain before being placed on the roof.

All hardware used was galvanized. The contractor used an old barn to store the members, and also to fabricate them whenever possible. For instance, for the roof trusses, the entire A-frame was fabricated on the ground and put in place as a unit.

Individual pieces of the arch were fabricated and made to fit in place. Because of the complexity of the joints, extreme care was required in cutting, boring and fitting.

The supporting falsework was not removed until the auxiliary truss, roof truss, and all horizontal truss bracing were in place. Before the falsework was removed, all bolted connections were tightened and the threads burred.

The preservation of structures from the past, even by substitution, has a definite place in the world of today. Perhaps too much emphasis is placed on replacement and obsolescence rather than on continuity and good maintenance. Reconstruction of the Bunker Hill Road Bridge is a salute to the ingenuity and resourcefulness of the present-day engineer, and to his respect for the interesting design and good workmanship of a former day.

The new Bunker Hill Covered Bridge will become a part of the future Gunpowder State Park. Where could there be a more appropriate site for it than at this State Park development where wild life and forest conditions will be preserved?



Fred Joyce, senior guard



Jerry Fishman, junior fullback



Dick Absher, sophomore end



Howard Humphries, junior end

Inside Maryland Sports

by Bill Dismer
Director of Sports Information

WITH A LITTLE LUCK COACH TOM NUGENT'S FOOTBALL team could well have won its first three games instead of losing two of them, to Oklahoma and North Carolina State. An opening day crowd of 36,500 came within four minutes of seeing a tremendous upset as Maryland, thanks to its new kicking star Bernardo Bramson, led the mighty Sooners, 3-0, only to fall victim to a 90-yard touchdown pass which started Oklahoma on its way to a 13-3 victory. The following week, though, the Terps routed a highly-rated South Carolina team which had tied Duke, 24-6, only to fall a one-point victim to North Carolina State, 14-13, in their first road game.

At any rate the sophomore-dominated Terps have given evidence of providing many thrills for Maryland supporters this season which will be climaxed by the Navy game at Byrd Stadium November 7 and the homecoming with Clemson November 14.

Maryland experienced the cruel blow of losing its No. 1 quarterback, Kenny Amrusko, in the second quarter of the opening game when he received a dislocated left elbow. However, a sophomore from Hagerstown, Phil Petry, stepped into the breach and did a creditable job without much preparation. Two other first-year men also have shown tremendous promise: tailback Tom "Bo" Hickey of Stamford, Conn. and fullback Walt "Whitey" Marciak of Old Forge, Pa. Hickey's 77-yard touchdown run against N.C. State was the highlight of the first three games.

Maryland took the field with 18 lettermen, and Terrapin fans saw Coach Tom Nugent revert to his two-team style of play, offensive and defensive, which was so successful before a rules change several years back. With the recent easing of the substitution rule, Nugent again will go with two distinct teams—"Go" and "Stop" combinations.

With one eye on the schedule which shows such ground-power teams as Duke, North Carolina, Clemson and Penn State as well as Oklahoma and Navy, Nugent has stacked his defensive line with lettermen juniors and seniors from tackle to tackle. His biggest move was the transfer of Jerry Fishman, 220-pound junior who led the backs in ground-gaining last year, from fullback to guard, or linebacker. But Fishman is a rough-and-tumble sort who revels in playing defense and is just the type Maryland needed on the line.

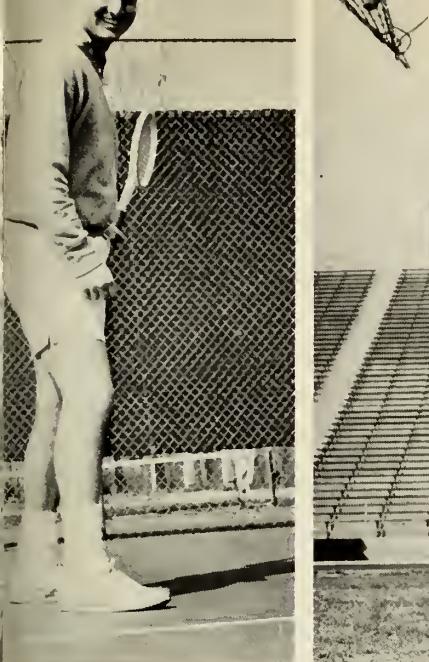
Olaf Drozdov, three-sports star and a senior, will man one of the tackle spots with Larry Bagranoff, a junior who lettered as a soph, at the other one. Fred Joyce, one of the greatest interior linemen Maryland has had, will be at the other guard, and Lou Bury, a senior, at center. Ends on the defensive team will be Chip Myrtle, an outstanding 6-2, 200-pound soph, and Johnny Kenny, a 215-pound junior.

Following the Oklahoma opener, Maryland was at home the following Saturday in its first conference game against South Carolina. Then followed three road games in succession against N. C. State, Duke and North Carolina, the last-named in the Oyster Bowl at Norfolk, Va. Wake Forest will be at Byrd Stadium on October 24, the week before the Terps travel to Penn State. Games with Navy and Clemson wind up the home schedule November 7 and 14 before the Terps end the season at Virginia November 21.

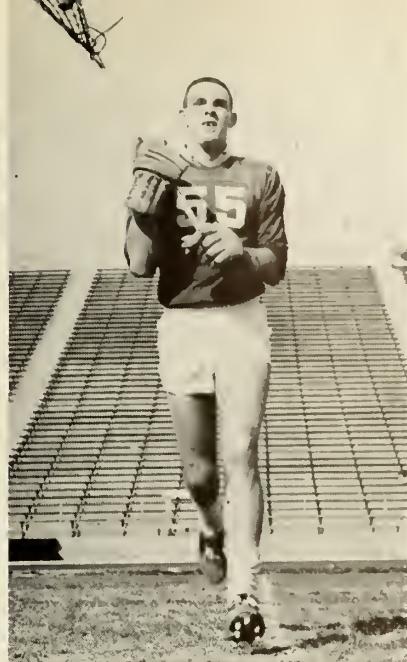
Coach Bud Millikan is looking forward with extreme zest to his 1964-'65 basketball schedule which will find his team at home for 12 games of the 24-game schedule. Outstanding home games are listed with Navy, Penn State, George Washington, West Virginia and Kansas in addition to the seven ACC foes. Ten lettermen will be returning from last winter's squad while five sophomores who posted a 15-1 record last year, should give Maryland its strongest bench in years. A tentative starting five is composed of juniors Gary Ward (6-5), Neil Brayton (6-4), Rick Wise (6-8) and Mike DeCosmo (5-10). Gary Williams, 6-0 soph, stands the best chance of joining these upperclassmen.

Coach Doyle Royal's soccer team, among the country's highest ranked collegiate outfits in recent years, opens its season October 9 at N. C. State. Royal should have some 20 players back from the squad which had a 10-3 record last year and was beaten only in the semifinals of the NCAA tournament. Eberhard Klein, a senior, set a game scoring record last year with seven goals against Georgetown. Five of the booters' ten games are scheduled for Maryland's soccer field, adjacent to the football practice field east of Byrd Stadium. The home schedule opens with the Penn State game October 13 and other home games will have Georgetown, Navy, North Carolina and Duke as our guests.

Twenty-three Maryland athletes were among the 166 making the Atlantic Coast Conference's eighth annual Honor Roll of Athletes—composed of athletes who averaged grades of B or better during a full school year.



Jim Busick, tennis



Bill Pettit, attack

They were Nelson Aurand, wrestling; Alfred Caron, track; Francis Ceeil, track; Jackie Clark, basketball; George Kramer, track; Donald Dunphy, swimming; Brenden Fisk, lacrosse; Mike George, track and cross country; Norman Hatfield, football; Eberhard Klein, soccer; Spence King, lacrosse; John Kreissig, baseball; Tom Krueger, track and cross country; Tom Manfredi, swimming; Frank Maraseo, soccer; Dave Nardo, football; Christ Okikiade, soccer; Mike Rota, golf; Ramsay Thomas, track and cross country; Kenneth Wall, swimming; Larry Walsh, track; Jim Watkins, baseball, and Frank Wikander, wrestling.

Atlantic Coast Conference champions of two spring sports, co-champion in another, runnerup in a fourth and a surprise third-place finisher in a fifth gave Maryland supporters much to cheer about as their second semester teams won nearly three-fourths of the contests in which they were engaged.

	Won	Lost	Tied	
Tennis	14	0	0	(Won ACC championship)
Track	3	0	0	(Won ACC championship)
Golf	9	3	1	(Shared ACC championship)
Lacrosse	11	3	0	(Finished 2d in ACC)
Baseball	10	9	0	(Finished 3rd in ACC)
Total . . .	47	15	1	

Two of the teams were undefeated: Coach Doyle Royal's great tennis squad which ended North Carolina's six-year reign as ACC net king, and Coach Jim Kehoe's track stars who won three dual meets before successfully defending their conference title in a meet here in Byrd Stadium.

Probably the most spectacular records were set by the scores and which dropped only 20 of 124 singles and doubles tennis team which won six of its 14 matches by shutout matches played. Clemson, North Carolina and George Washington extended the Terps to 5-4 decisions and Navy bowed by a 6-3 score. All other matches were by margins of 7-2, 8-1 and 9-0.

Barry Cleveland, senior from Coatesville, Pa., was the only Marylander to go undefeated in singles although Len Modzelewski, a sophomore from Pittsburgh and Gene Gerber, the number two player from Baltimore, lost only once. Jim Busiek, Maryland's top netman, won eight straight before being stopped by GW's Buddy Goeltz and then won two more before dropping a tough three-setter to Clemson's Doug Stewart. Tom Marellino and Lou Dobies, the Terps' fifth and sixth players, lost only twice.

It was only the second time in Conference history that North Carolina had failed to win the tennis title and appropriately, the only other team to have won was the Maryland team of 1957. Maryland will have three of its singles players back next year, losing only Cleveland, Gerber and Marellino by graduation.

May 2 was the big day for the track team, even overshadowing the ACC track meet the following week. But on the first Saturday in May, an underdog Maryland team performed at its absolute best to whip Navy, 76-64, before hundreds of happy, screaming fans who picked up Coach Kehoe after the last event and rode him off the field on their shoulders. Not many had given Maryland a chance against Navy's thinelads, but the Terps ran up a 56-21 edge in track events which was more than enough to overcome Navy's 43-20 supremacy in the field. Two juniors, Steve Lamb and Mike Cole, were double winners for Maryland, the former taking the 440 and 220 while Cole won the broad jump and the hundred.

One week later Maryland successfully defended its ACC title by running up 95 points to runnerup Clemson's 61. The Terps scored in every event except the javelin and saw ACC champions crowned in six of the 17 events. Tom Krueger, Maryland's senior miler, won his specialty while other Terp winners were Lamb in the 440, Cole in the broad jump, Bob Vermillion in the intermediate hurdles, Steuart Markley in the pole vault, and Walt Samora in the shot put.

Once again, Maryland had a winning lacrosse team under a new head coach for the first time since 1928. Al Heagy, who had been former coach Jack Faber's assistant for 23 years, assumed complete charge of the stickmen this year guiding them to an 11-3 record. Maryland was beaten only by Army and Navy (who were to battle for the national championship late in May) and Virginia—the latter's win being universally regarded as a distinct upset. Individually, the big news was that co-captain Bill Pettit set a new career scoring record for Maryland attack men by scoring 41 times to run his three-year total goals to 103. The old mark was 73. Pettit's eight goals against Penn State was an individual game record for Maryland stickmen. Pettit won the Powell Award which goes to the player who had done most for lacrosse. Fred Betz was adjudged the best midfielder and Jack Schofield the player most improved in defense.

Another Maryland player established a new baseball record for Atlantic Coast Conference players when young Jim Pitt, 160-pound sophomore from Baltimore, hit .460 to break the .449 record of Maryland's Tom Brown in 1962. Pitt was one of several delights for Coach Jack Jackson who was experiencing his first winning season. The Terps' 7-6 log in ACC competition earned them third place in the Conference—behind undefeated North Carolina and Wake Forest. Three pitchers had winning records: sophomores Steve Lipman winning his only start and seniors Jack Lund and Jerry Vezendy finishing with 2-0 and 2-1 records. Chris Sole, another sophomore, won 3 games but lost 5. Lipman's 2.00 was the best earned run average.

Frank Cronin's golf team, which posted a 9-3-1 record, reached its peak at Columbia, S. C., where it played well enough to gain a share of the Conference title with South Carolina. A 70 by Vern Novak, Maryland's number one man, was the lowest round of the tournament. The Terrapins continued invincible over their home course, winning six matches over it to run their streak to 40. Only a tie by Virginia in the last match of the 1963 season prevents the record from being an all-winning one over the University Boulevard course.

Bob McFerren, a sophomore, had the best individual record, winning 12 matches, tying one and losing one. His 72.8 average also was the lowest. Cronin loses six seniors from this year's team—Novak, McFerren, Ron Jamison, Ray Horne, Pete Rivera and Mike Rota—but appears unworried in the view of a great freshman team which should keep Maryland's golf banner flying high.

Our Alumni Clergy

Compiled by Geary F. Eppley
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St. Georges, Delaware

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REV. MR. MALCOLM J. MATTHEWS, '56-'57 Grad. School (Episcopal) Christ Church Harrison & South Street Easton, Maryland	REV. CARL A. RIECK, Agr. '50 (Lutheran) Box 55 Preston, Maryland	REV. JOHN C. WALKER, A&S '51 7800 Beach Tree Road Bethesda 14, Maryland
JAMES L. MILLER, '56 (Episcopal)	REV. CLARENCE L. ROARK III, A&S '59 Minister, Stone Chapel Methodist Church, New Windsor 6 A Bemont Avenue Baltimore 28, Maryland	REV. HENRY J. WHITTING, A&S '31 (Lutheran) 37 Brunswick Road Montelair, New Jersey
REV. JAMES WOODROW MYERS, A&S '40 (Presbyterian) 8420 Rambler Drive Hyattsville, Maryland	REV. ROBERT K. RODEFFER, P.Edu. '54 Prince Frederick, Maryland	REV. CHARLES P. WILHELM, Agr. '21, MS '22 Box 66 Kingwood, West Virginia
REV. MR. WM. FRANCIS MYERS, A&S '55 Rector of Trinity Church, Episcopal 2501 Fair Oaks Drive St. Charles, Missouri	RABBI MOSES B. SACKS, A&S '40 Congregation, B'Nai Abraham 4700 Highway #7 St. Louis Park 16, Minnesota	REV. HERMAN H. WILSON, LL.B. '17 (Methodist) 101 Walker Avenue Gaithersburg, Maryland
REV. VINCENT OBERLE, Edu. '41 St. Charles College Catonsville 28, Maryland		NOTE: The University is interested in maintaining a file of its alumni who are in the service of the Church. Such infor- mation should be sent to the Alumni Office, University of Maryland at College Park. It should list name, school and year, title and church or synagogue, current address.

Maryland's Women Engineering Graduates

THE COLLEGE OF ENGINEERING OF THE UNIVERSITY of Maryland granted its first bachelor's degree in engineering in 1898 to a man who was the only member of that graduating class in engineering.

Thirty-four years later, in 1932, Maryland graduated its first woman engineer, Evelyn B. Harrison, in a class of 40. During these 34 years, 517 men had earned bachelor's degrees in engineering. During the next 31 years, Maryland granted 3,593 bachelor's degrees in engineering but only eleven to women. The most recent one, Joan E. Roderick, graduated in 1963, the only woman in a class of 229.

Miss Harrison, Maryland's first woman engineering graduate, now is Deputy Director, Bureau of Programs and Standards, of the United States Civil Service Commission. (*Who's Who of American Women* lists her engineering experience.) She is in a position to know the nation's needs for engineers—men and women. Recently she wrote, "Estimates of future manpower requirements at the national level indicate that new entrants into engineering will have to be substantially increased . . . for the foreseeable future. This promises rewarding careers for both men and women students." She added that in her own case "the abilities developed through such (engineering) training have proven invaluable."

We decided to find out what Maryland's twelve women engineering graduates are doing and what abilities they thought it took to become an engineer.

We found that the twelve are scattered from coast to coast, with three in the New York and four in the Washington-Baltimore areas. One each lives in Florida, Michigan, and Texas, and two in California. Nine of the twelve are married; and eight married engineers.

What advice would they give to others who are considering engineering as a career? DOROTHY WEDEMAN OLINGER, '60, a design engineer for an aircraft company says that "the road is not an easy one but the sense of satisfaction is great. . . ." SHARON L. HENDERSON, '60, an electronic engineer for the Manned Spacecraft Center

Miss Joan Roderick, '63, Structural Mechanical Engineer at the David Taylor Model Basin.



Miss Evelyn Harrison, '32, Deputy Director, Bureau of Programs and Standards, of the United States Civil Service Commission.

of the National Aeronautics and Space Administration, took time from her stimulating job to write that "the glamour of engineering . . . takes very 'unglamorous' hard work and studying to become an engineer." JOAN E. RODERICK, '63, a structural engineer at the David Taylor Model Basin finds her work "very exciting." She recommends that students find summer employment for experience in the particular field of engineering in which they are interested. Joan is currently doing part-time graduate work in engineering. FAITH STUART LIBELO, '60, a housewife and mother of three sons, is also doing graduate work. JANICE KELLY MARTIN, '57, who looks after an infant daughter, believes that students should work in their chosen profession during summers. As an undergraduate, Janice worked two summers in engineering offices of oil companies. MATTIE MOORHEAD WILCOX, '48, a housewife and mother of two daughters, advises students to be sure that engineering is the career they want. *Who's Who of American Women* summarizes the successful engineering career of MIRIAM KLEEGER GERLA, '44. At present Miriam's two children keep her at home, but later she plans to resume her engineering work. She believes that "perseverance, regardless of discouraging influences, is a necessity for women in this field."

Would they study engineering if they had it to do over again? JOAN EARLE MATTIE, '57, who is busy with her two-and-one-half year-old child says "yes." SUZANNE HILDABOLT BREWER, '60, who works as a mechanical engineer in a space-age firm says "absolutely yes." GAIL WISSE SALZMAN, '58, writes, "It has afforded me a very challenging and interesting career which I plan to continue actively at a later time." (Just now three daughters are Gail's fulltime job.) CHARLOTTE SCHELLHAS WESTERFIELD, '52, who manages two daughters and a son, states that "yes, definitely" she would choose engineering again; and she adds, "Stay with it no matter how difficult the situation either financially, socially, or academically. It is worth any trouble to be scientifically creative."

So that's the story. Engineering does offer challenging opportunities for women as well as men. For both it involves learning with a purpose and putting that learning to practical use. As with women in any field, the work of a women engineering graduate may be interrupted by home-centered duties as wife and mother—in eight cases out of nine among Maryland graduates, duties which are shared by engineering husbands. Would Maryland's women engineering graduates do it over again? The responses of graduates of more than 30 years is an overwhelming "yes".

Some Recent Grants

For research on cosmic ray monitoring at Halley Station, Antarctica.

NATIONAL SCIENCE FOUNDATION TO UNIVERSITY OF MARYLAND \$32,700.

To continue study of infections transmitted in dental offices by the common staph organism.

U. S. PUBLIC HEALTH SERVICE TO SCHOOL OF DENTISTRY \$8,500.

For support of an undergraduate science education program.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF MATHEMATICS \$7,250.

To finance expansion of instruction in child welfare.

CHILDREN'S BUREAU OF U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE TO SCHOOL OF SOCIAL WORK \$30,281.

For support of research on fluid dynamics and applied mathematics.

NATIONAL SCIENCE FOUNDATION TO INSTITUTE FOR FLUID DYNAMICS AND APPLIED MATHEMATICS \$82,000.

For a project on the isolation and transfer of pathogenic micrococci.

NATIONAL INSTITUTE OF DENTAL RESEARCH TO DEPARTMENT OF MICROBIOLOGY, SCHOOL OF DENTISTRY \$9,132.

To provide funds for research on unbounded linear operators in normed linear space.

U.S. AIR FORCE TO DEPARTMENT OF MATHEMATICS \$15,144.

For support of an undergraduate science education program.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF PHYSICS AND ASTRONOMY \$25,200.

For study of mandibular positions by electromyography.

NATIONAL INSTITUTE OF DENTAL RESEARCH TO DEPARTMENT OF PHYSIOLOGY, SCHOOL OF DENTISTRY \$9,943.

For support of research on properties in the large of vector fields and foliations.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF MATHEMATICS \$27,500.

For support of an undergraduate science education program.

NATIONAL SCIENCE FOUNDATION TO DEPARTMENT OF ZOOLOGY \$14,700.

For an investigation on the effect of local irritants on oral tissues.

NATIONAL INSTITUTE OF DENTAL RESEARCH TO DEPARTMENTS OF PATHOLOGY AND PHYSIOLOGY, SCHOOL OF DENTISTRY \$27,940.

Dean McCarthy Awarded an Honorary Degree from Texas Wesleyan College



DR. HARRY B. MCCARTHY, D.D.S. '23, B.S. '46, M.A. '48, Dean of the College of Dentistry at Baylor University College of Dentistry in Dallas, Texas, received an honorary Doctor of Laws Degree from Texas Wesleyan College, Fort Worth, on May 24.

Dr. McCarthy is a native of Vermont and received his secondary education in the public schools of that state. He studied law, finance, economics and accounting with Pace and Pace Institute of New York before beginning the study of dentistry.

He entered the School of Dentistry of the University of Maryland, Baltimore, graduating with honors in 1923, and returned to the University after graduation as a full-time instructor in operative dentistry. He served in various positions on the faculty at Maryland, including Professor of Clinical Operative Dentistry and later, as Director of Clinics.

Dr. McCarthy has taken an active part in local, state and national dental society activities. He is past president of the Baltimore City Dental Society, the Maryland State Dental Association, the National Alumni Association of the Dental School of the University of Maryland and the National Alumni Chapter of Omicron Kappa Upsilon Scholastic Honor Society. He was the official delegate of the Maryland State Dental Association to the International Dental Congress held in Paris in 1931. In 1958, Dr. McCarthy was the recipient of the Distinguished Alumnus Award from the University of Maryland, being the second dentist to receive this honor. He has served as president of the National Alumni Association of Psi Omega Fraternity and as president of the American Academy of the History of Dentistry. From 1951 to 1955, Dr. McCarthy was a member

of the Committee on Teaching of the American Association of Dental Schools.

He has contributed numerous articles to dental journals and has given many lectures and clinics throughout the United States and in Puerto Rico. He is co-author of a book, *Review of Dentistry*, published by the C. V. Mosby Company. He served for six years as Chairman of the Judicial Council of the American Dental Association and served for five years as the dental member of the President's Committee of the Office of Defense Mobilization, Health, Resources and Advisory Commission.

In addition to his other activities during his teaching career at Maryland, Dr. McCarthy took work in the Graduate School and became the first dentist to earn both the Bachelor of Science and Master of Arts degrees in Dental Education. In May, 1952, he resigned his position at the University of Maryland and came to Dallas to assume the Deanship of Baylor University College of Dentistry.

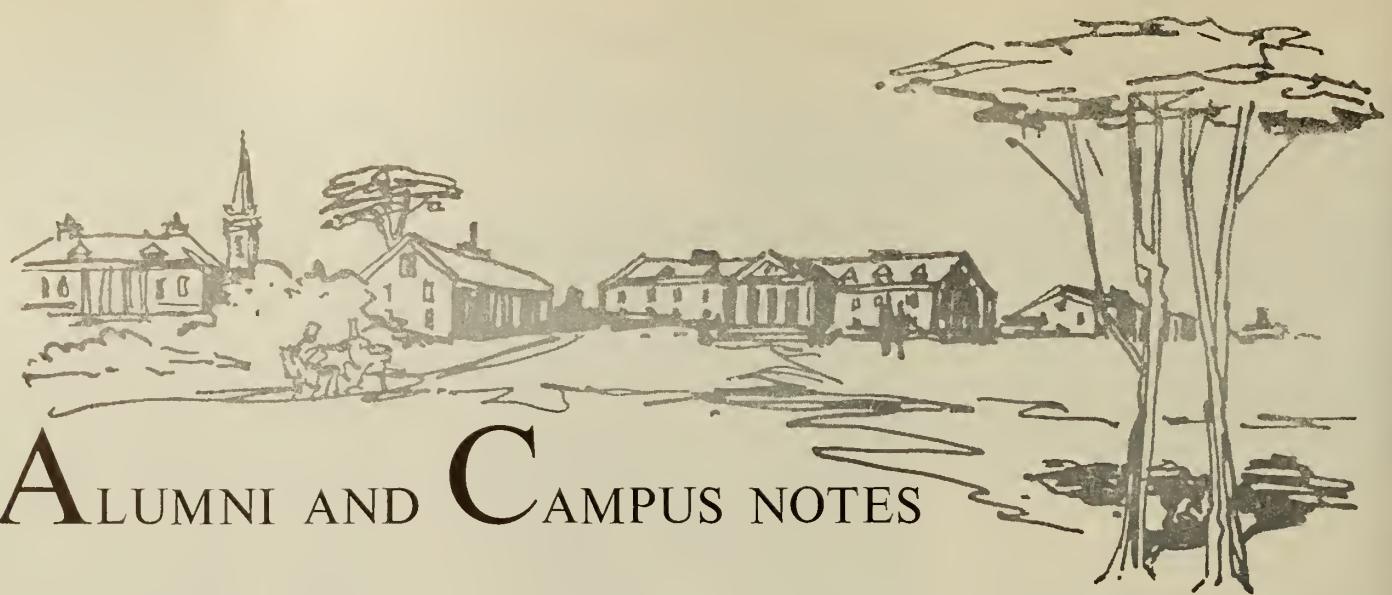
Dr. McCarthy is listed in *Who's Who in America*.

In 1962, the tenth anniversary of his coming to Baylor, Dean McCarthy received citations from the Board of Trustees of Baylor University and from the Baylor Dental Alumni Association for his outstanding accomplishments with the College of Dentistry.

Dr. McCarthy has served as Area Dental Consultant to the 12 Veterans Administration Hospitals in the Southwestern area and as co-chairman of the American Dental Association meeting held in Dallas in 1958.

In addition to his many activities in dentistry, Dr. McCarthy has also been very active in civic activities, serving in official capacities in community fund drives and Red Cross activities. He is a past member of the Boy Scouts and has been a Boy Scout Master. He is a member of the Dallas Chamber of Commerce and serves on their Health Committee, and is a member of the Health Council of the Council of Social Agencies of Dallas.

He is a member of the Methodist Church, taught a boys' Sunday School Class for many years and was president of the Young People's group known as the Epworth League (M.Y.F.). He is a 32nd degree Mason and a member of the Shrine. He is married to the former Helen Knowles, of Seaford, Delaware, and they have one daughter, Joan, who is the wife of Dr. A. L. Jenkins of Waco, Texas.



ALUMNI AND CAMPUS NOTES

UNIVERSITY CALENDAR OF EVENTS

OCTOBER

- 3 Football, N. Carolina State, Away
- 10 Football, Duke, Away
- 13 Soccer, Penn State, Home
- 17 Football, N. Carolina, Away
- 24 Football, Wake Forest, Home (Band Day)
- 24 Track, N. Carolina State Cross Country, Home
- 27 Soccer, Georgetown, Home
- 31 Football, Penn State, Away

NOVEMBER

- 4 Soccer, Navy, Home
- 7 IFC Presents

7 Football, Navy, Home
(Parents Day)

10 University Symphony Orchestra
Ritchie Coliseum

11 Soccer, Duke, Home

14 Football, Clemson, Home
(Homecoming)

19 Goldovsky Grand Opera,
"La Boheme", Ritchie Coliseum

21 Football, Virginia, Away

25 Thanksgiving Recess Begins
After Last Class

30 Thanksgiving Recess Ends,
8 a.m.

DECEMBER

2 Basketball, Penn State, Home

3 Basketball, George Washington,
Home

8 Basketball, N. Carolina, Home

9 Swimming, Villanova, Home

10 National Symphony, SGA,
Ritchie Coliseum

12 Basketball, W. Virginia, Home

12 Wrestling, Army, Home

17 Wrestling, Virginia, Home

17 Christmas Program (Glee Clubs,
Bass Choir)

18 Basketball, Wake Forest, Home

19 Basketball, U. of Kansas, Home

22 Christmas Recess Begins After
Last Class

28-29 Basketball, Hurricane
Classic, Miami

New Alumni Officers are Elected

Erna R. Chapman, prominent club-woman and home economist, has assumed the presidency of the University of Maryland Alumni Association. She is the second woman to be elected to head the 72 year-old organization for Maryland's 50,000 alumni.

At the same time, Judge Joseph L. Carter, of Baltimore and Mylo S. Downey, of College Park assumed the posts of Vice President.

Col. J. Logan Schutz, newly appointed University Director of Alumni Affairs, will serve as Secretary-treasurer and Victor Holm, alumni field secretary, will assist during the coming year.

Mrs. Chapman, who succeeds outgoing Association President Dr. Edward Stone, has been associated with the District of Columbia Public School System since 1938 and is currently in-charge of home economics for elementary, junior and senior high schools and adult levels.

She holds both the bachelor and master degrees from the University's College of Home Economics and also attended the University of Indiana, D.C. Teachers College, Cornell and Ohio State Universities.

The holder of numerous honors and awards, Mrs. Chapman was named the University of Maryland outstanding alumna in the field of home economics in 1962.

She is a member of the American Home Economics Association, a past corresponding secretary and life member of Phi Delta Gamma, a past President of the District of Columbia chapter of the American National Association, and past legislative chairman of the Annapolis branch of the American Association of University Women.

She is currently a Director of the North Atlantic Region for the Department of Economics of the National Education Association and a member

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Her distaff counterpart in the Alumni Association's top post was Betty Rohr Singleton, who was President in 1960.

Judge Carter, who graduated from the School of Law in 1925, has been a member of the Supreme Bench of Baltimore City since 1952. Prior to that time, he practiced law privately in Baltimore. A native of Allegany County, he served as an assistant U. S. District Attorney from 1932 until 1934.

Mr. Downey, a member of the College of Agriculture Class of 1927, has had a distinguished career in State and national 4-H Club work. He is presently Director of the division of 4-H Club and YMW programs for the Federal Extension Service.

Engineering Fund to Honor Prof. Corcoran

Engineering alumni and faculty of the University of Maryland have established a Fund for Engineering Education and Development in honor of the late Professor George F. Corcoran, Head of the Department of Engineering for 22 years.

Professor Corcoran, who died recently in Gainesville, Florida, was considered one of the nation's leading engineering authors and educators. He was the recipient of the national educational award in 1961 from the American Institute of Electrical Engineering. An expert in the field of active network analysis and synthesis, he was the author of numerous textbooks, including *Basic Electrical Engineering*.

He received his B.S. degree from South Dakota State College in 1923, and an honorary Doctor of Science Degree from South Dakota in 1962. He was awarded his M.S. degree in 1926 at the University of Minnesota. Professor Corcoran was an Instructor at Kansas State College; Associate Professor at the State University of Iowa where he was also Professor of Electrical Engineering; and finally, Professor of Electrical Engineering and Chairman of the Department at the University of Maryland.

Professor Corcoran served as Consultant for the American Council on Education and was a member of the American Society of Engineering Education, American Association of University Professors, Sigma Xi, Phi Kappa Phi, Tau Beta Pi, Sigma Tau, Eta Kappa Nu, and Sigma Alpha Epsilon.

A goal of \$50,000 has been set up for the memorial fund which will be administered by a board of trustees made up of engineering alumni.

Serving as fund trustees during the coming year are Tracy C. Coleman, '35, President; Arnold A. Korab, '38,

Secretary; George O. Weber, '33, Treasurer; Alvin L. Aubinoe, '26; Matthews J. Haspert, '37; and Seymour D. Wolf, '42. University President Wilson H. Elkins and Engineering Dean Frederie T. Mavis, will serve as ex-officio members of the board.

While all electrical engineering alumni will be personally contacted, contributions from other sources to FEEDUM, the abbreviated name of the Corcoran fund, can be made through P. O. Box 371, College Park.

Montgomery County Alumni Club Annual Meeting

On the bright, sunny Saturday afternoon of August 15, the Montgomery County Alumni Club conducted its annual family picnic-meeting at the beautiful Springbrook home of Judge Ralph G. Shure, A&S '32.

A good turnout of the membership and their families enjoyed the gracious hospitality of Ralph and Helen Shure. The athletically inclined splashed in the swimming pool, tossed horseshoes, played badminton and other games, while others preferred a cool tall one in the shade.

All concerned thoroughly enjoyed reminiscing and discussing the "good old days" on campus. Recent news on former classmates was enthusiastically exchanged.

Following an abundant, delicious picnic meal, featuring barbecued chicken, the annual business meeting and election of officers was held in the refreshing shade of the numerous trees of the Shure estate. The officers for the coming year will be Tom Russell, Engr. '53, President; Bob Beale, A&S '31, Vice President; George Clendenin, DDS '29, Second Vice President; Dave Brigham, A&S '38, Secretary; Jake Selar, BPA '34, Treasurer; "Chicken" Kricker, HEe '31, Alumni Council Representative; Charles Merrick, A&S '26, Alternate Council Representative. Board members elected were Joe Mathias, A&S '35; Bill Vogel, Engr. '51; Fred Louden LLB '49; Don Boyd, Agr '43; Ralph Shure, A&S '32; Roy Bridger, DDS '26; Warren Rabbitt, A&S '31 and Ralph Bernardo, A&S '49.

The club membership voted a grant of \$200.00 to be used at the discretion of the Director of Student Aid at the University for a deserving Montgomery County student. The Club treasurer also was authorized to provide \$395.00 to donate 50 volumes of "Great Books of the Western World" to the University Library in the name of the Montgomery County Alumni Club.

Following the meeting and lingering good-byes to old friends, the membership departed homeward with pleasant memories of a delightful afternoon.

Alumni Engaged in Research at Bureau of Standards

Scientists at the National Bureau of Standards, U. S. Department of Commerce, are studying the physical properties of crystalline refractory oxides by theoretical methods and experimental techniques. In this work, they are investigating imperfections such as dislocations and point defects, and the effects these imperfections have on the physical properties of crystalline solids. Recently Dr. J. B. Waehrtman, Jr., Ph.D. A&S, '61 and his co-workers at the Bureau completed an investigation concerned with point defects in which both the mechanical and electrical properties of thoria (ThO_2) and the mechanical properties of rutile (TiO_2) were measured and compared. The resulting data are in good agreement with theoretical equations relating crystal properties to defects; they thus provide a convincing check on the theory.

A relatively accurate method for predicting the equation of state of simple gases at high densities and for extrapolating existing measurements into unexplored regions is now in use at the NBS Institute for Basic Standards. To develop the method, Max Klein, Ph.D. A&S, '62 and M. S. Green of the Institute applied integral equations to the equation of state of a fluid in one of the most extensive computations of this type ever made. Although not the final answer to the important problem of relating the molecular forces to the equation of state in a dense gas, this work—based on the hypernetted chain integral equation—gives an excellent qualitative and a good quantitative picture of the equation of state.

Alumnus is Author of New Engineering Text

Dr. Irving H. Shames, Ph.D. '53, Applied Mechanics, is author of a new book, *Mechanics of Deformable Solids*, published recently by Prentice-Hall, Inc., of New Jersey.

The book, a fundamental study on deformable solids, was written to serve as an introduction in science-oriented engineering programs.

Part I, "Fundamentals of the Theory of Elasticity," deals primarily with the linear elastic body from a Cartesian tensor continuum viewpoint. This provides a greater understanding of the formulations of strength of materials which comprise Part II, "Analysis of Beams, Shafts and Columns; Energy Methods," in which the singularity functions—the delta function, the step function, and the doublet function—are used extensively. Energy methods are presented so as to provide a smooth tran-

sition from early efforts in earlier mechanics courses to a point where new concepts and formulations will be available for more sophisticated energy techniques involving variational calculus.

Dr. Shames is presently Professor and Head of the Division of Interdisciplinary Studies and Research in Engineering at the State University of New York in Buffalo. He is also author of *Engineering Mechanics—Statics and Dynamics* and *Mechanics of Fluids*.

Oyster Bowl Rally

On October 16th a pre-Oyster Bowl Rally of Alumni in the greater Norfolk area was held at the Bay Harbour Club, Virginia Beach.

The program began with a buffet, followed by an interesting talk by Head Coach, Tom Nugent, who reviewed the football season to date and showed film highlights of previous games.

In attendance at the rally were Presi-



"Swede" Eppley Retires

DEAN GEARY F. EPPLEY WAS HONORED recently by more than 500 friends at a testimonial banquet at Indian Spring Country Club, on the occasion of his retiring as Dean of Men at the University of Maryland.

Dean Eppley and his wife were presented a trip to Tokyo to attend the fall Olympics.

Mr. Eppley, the first Dean of Men at the University, served as supervisor of the Student Government Association for 30 years. He was also former athletic director, faculty chairman of athletics, trackman and track coach.

At the dinner, a new University athletic award was established in Mr. Eppley's honor. It will go to the graduating senior lettering in at least one sport, who has attained the highest academic average during his college career. Dean Eppley also received the Atlantic Coast Sports Writers' Service to Sports

Award for "long, distinguished and unselfish service to amateur athletics."

Toastmaster at the affair was Colonel Thomas Fields, head of the G-2 Division, Headquarters Marine Corps, who was a track star under coach Eppley.

W. W. Cobey, Athletic Director at the University, presented Dean Eppley with an "Athletic Council Award" citing him as "athlete, coach, athletic director, and faculty chairman of athletics, 1914-1964." The plaque was inscribed with the words, "We thank God we've had this man with us so many years."

The University Alumni Council in a resolution honoring Dean Eppley said, ". . . The Alumni Council recognizes (his) great service, his exceptional effort, and above all, the constant friendship of a truly capable and untiring leader."

dent Elkins, Erna Chapman, President of the Alumni Association, numerous alumni from the Norfolk area and members of the Terrapin Club.

The Program Chairmen for the event were Mr. and Mrs. Daniel Arris, BPA '57 and Nurs '57, and Mr. and Mrs. Edward K. Phillips, M.Ed '55.

Alumni Council Meets

On September 25, the Alumni Council of the University of Maryland Alumni Association met at the Student Union on the College Park campus for their first business meeting of the academic year. Mrs. Erna R. Chapman, President, opened the meeting with the following remarks:

"I would like to call the meeting to order, welcome all of you and tell how very pleased we are that so many of you were able to be with us tonight. As many of you know, this is my very first opportunity to thank the members of the Council for electing me to serve as your president, and I do so with great humility. I shall try to serve you to the best of my ability. However, I am well aware of the fact that no president can go very far without the support of the group whom he is representing. But I do know that I have your support, so I think we can look forward to a year of quite a bit of activity. I hope all of you will think very seriously of the responsibility that has been entrusted in you in representing your various colleges and your various groups. I think it is a real responsibility. It should be one which will be pleasurable for you, but at the same time I know that those who have elected you look forward to your representing them."

After the roll call, approval of previous minutes and the treasurer's report, Mrs. Chapman proceeded to the business of committee assignments for the coming year. Nine committees were charged with various duties concerning the different areas of interest of the Alumni Council.

The schedule of Council meetings for the year was approved. The next meeting will be held in the Student Union in Baltimore on December 4. The February 12, 1965, meeting will be held in College Park, and the deans of the various schools will be invited to attend and give a report on the activities within their colleges. The annual meeting will be held in College Park on June 11. The annual picnic will take place on June 26.

The program for Homecoming on November 14, was approved by the Council. Along with the football game with Clemson, the day will spotlight an alumni luncheon at the Student Union, a golf and bowling contest in the morning, and a coffee hour at the new Center for Adult Education after the game. Preliminary meetings will also be held for the reunion classes which will be

featured at Spring Reunion on May 15, 1965.

Mrs. Chapman requested that the committee dealing with dues continue the work done by last year's committee and make recommendations concerning modifications in the dues structure. She also noted the appointment of the special committee to review the Alumni constitution and revise it as may be required.

Council approval was given to several proposals concerning Alumni chapters and clubs. Each chapter or club will be requested to present a schedule of its planned activities for the year 1964-65. Each group is also asked to designate one of its members to serve as a correspondent to provide information for publication in the *Maryland Magazine* and the *Alumni Bulletin*.

The *University Bulletin* and the *Alumni Newsletter* will be combined in a single publication to be called the *Alumni Bulletin*. This action will reduce costs and provide a better publication which will go to all alumni and the faculty of the University.

The Council also appropriated sufficient money to cover the cost of replacing the Alumni Awards plaque in the College of Education.

Alumni Director Awarded Legion of Merit

Colonel J. Logan Schutz, Director of the Office of Alumni Relations, has been awarded a second Oakleaf Cluster to the Legion of Merit. Presentation was made by Lieutenant General Gordon A. Blake, USAF, Director of the National Security Agency, Fort Meade, Maryland.



Col. Schutz received the award for his outstanding service to his country during his years with the Seventh Army in Europe; Commanding Officer, 1st Battle Group 8th Cavalry, the 1st Cavalry Division in Korea; Chief of Staff, XX U. S. Army Corps, Fort Hayes, Ohio; and the National Security

Agency. His citation reads in part: "Colonel Schutz' inspiring leadership, professional competence, and dedicated devotion to duty were evidenced by the optimum results throughout the wide and diverse scope of his responsibility."

A graduate of the University of Maryland, College Park, Maryland, Colonel Schutz left the University to join the Army 24 years ago. He retired from the Army this year and returned to the University to serve as the Director of Alumni Affairs.

His work brings him into contact with a large number of military personnel associated with the University who have received their degrees through the Bootstrap Program or as the result of courses taken at the University's numerous overseas and ZI branches.

Through The Years

The Alumni Office encourages all alumni to forward personal news items concerning themselves or their contemporaries. Such correspondence should be directed to Col. J. Logan Schutz, Director of the Office of Alumni Affairs, Administration Building, University of Maryland at College Park.

1895 - 1919

TALMOT DENMEAD, LL.B. '00, who served as editor of the *Maryland Conservationist* for ten years, as well as its assistant lawyer, now enjoys his retirement in Annapolis. Mr. Denmead played on the University's ice hockey team when they reigned as state champions for two consecutive years.

DR. RALPH GIBSON PERRY, SR., MD. '01, resident of Wells River, Vermont, was honored by the New Hampshire State Medical Society for his 50 years of practice in that state. The award was presented at the annual meeting of the Home of the Delegates in Concord, New Hampshire.

1920-1929

DR. FREDERICK R. DARKIS, A.S. '24, Vice President and Director of Research in Liggett and Myers Tobacco Company, retired July 28, 1964. The Frederick, Maryland native had been the recipient of numerous awards during his career, the latest the Southern Chemists' Award of 1962.

PHILIP HELLER SACHS, LL.B. '28 Chairman of the Metropolitan Transit Authority of Maryland, has been re-appointed by Governor J. Millard Tawes to a new five-year term, beginning Jan. 1, 1964.

ALVIN M. PARKER, ENGR. '26, Vice President and Treasurer of Smoot Sand & Gravel Company of Georgetown, was recently made director of the Ridge Bank in Washington.

ROBERT L. EVANS, M.L. '29, is Chief of the Physics Division of the United States Patent Office, Washington, D. C.

1930-1939

C. BURNAM MAE, A.S. '30, Dorchester County State's Attorney, has been sworn in to the county circuit court bench to fill the remaining term of Judge W. Laird Henry Jr., who resigned this March. Judge Mae, who has long been active in the Maryland Democratic organization, is expected to seek a full term in 1966.

GORDON K. ZIMMERMAN, A.S. '32, of Alexandria, Virginia, was named an honorary member of the Soil Conservation Society of America. As the executive secretary of the National Association of Soil and Water Conservation Districts, he is a veteran of the soil conservation movement and its application in the United States.

J. WILLIAM STEINER, ENGR. '34, has been named Director of Operations of Wakefield Lighting and Art Metal Lighting Divisions of Wakefield Corporation, Detroit, Michigan. Before his appointment to the newly-created post, Steiner served as president and general manager of the division.

THEODORE H. ERBE, A.S. '36, C.I.U., a life member of the Million Dollar Round Table, was awarded a special plaque for his life production leadership among all Travelers Insurance Company agents in the nation and Canada on June 22, 1964 in Baltimore, Maryland.

DR. THOMAS S. SENTON, M.D. '39, vice president and chief medical director of Massachusetts Mutual Life Insurance Company, was named medical director's representative of the Life Insurance Medical Research Fund. The fund makes grants to established institutions with basic facilities for medical research, devoted to the aid of problems related to cardiovascular disease.

1940-1949

IRWIN J. SCHUMACHER, ENGR. '42, was honored by the U. S. Army Mobility Command's Engineer Research and Development Laboratories, Fort Belvoir, Virginia, on the occasion of his promotion as a power plant engineer in the Engine Branch.

MRS. WILLIAM STEVENS, (MR. STEVENS, AGR. '43,) mother of eight children, graduated from Dunbarton College in Washington, D. C. in June of 1964.

MR. & MRS. JOSEPH, M. DECKER, ENGR. '47, H.E.C. '44, are now residing in Glendale, Arizona, where Mr. Decker is president of Decker Vendors Inc. The couple have four children.

JAMES, A. CLARK, ENGR. '44, M.A. '48, former teacher at Maryland, has been appointed as assistant vice president of the Scientific Instrument Division of Bausch and Lomb Inc., Rochester, New York. Previously he worked for the Ahrendt Instrument Company as its chief engineer.

JAMES J. GILL, M.E. '47, has been assigned to the Physics Division of the United States Patent Office. He has been in this office since 1955, and his present specialty is in the area of accelerometers and speed recording and distance measuring devices.

HERMAN GUSTAV SCHROEDER, A&S '49, was among those students receiving degrees of Master of Christian Education at the 1964 Commencement of Wesley Theological Seminary, Washington, D. C.

JOHN C. BOUMA, B.A. '48, M.A. '49, a marketing specialist in the Transportation and Facilities Research Division of the Department of Agriculture, was presented with a Superior Service Award May 19, 1964, by Secretary of Agriculture Orville L. Freeman.

DR. RUSSELL M. KULSRUD, A&S '49, has been appointed head of the Plasma Physics Laboratory's Theoretical Division at Princeton University's James Forrestal Research Center. Since 1954, Dr. Kulsrud has contributed extensively to the University's research program, as well as lectured in the Department of Astrophysical Sciences in a cosmical electrodynamics course.

THOMAS, J. HOLDEN, ENGR. '49, LL.B. '54, was elected vice president in charge of contracts at the annual board meeting of Aircraft Armaments, Inc. of Cockeysville, Maryland. Mr. Holden was registered to practice in the U. S. Patent Office in 1952, and was admitted to the Bar in 1954; he is a member of the National Association of Corporate Secretaries, and the Contract Negotiations Subcommittee of the National Security Industrial Association.

PAUL, A. PUMPIAN, A&S '48, PHARM. '50, secretary of the Wisconsin State Board of Pharmacy, has been elected president of the Wisconsin Chapter of the Federal Bar Association. He also currently holds membership on the Drug Law Committee of the American Bar Association, and last year was named a consultant to the President's Advisory Commission on Narcotic and Drug Abuse.

1950-1959

C. F. DEAN, M.ED. '50, of College-dale, Tennessee, received his degree of Doctor of Education in Physical Education from Georgia Peabody College for Teachers, Nashville, Tennessee in June of 1964.

CHARLES P. KRETZER, BPA '50, former Associate Professor of Economics at Monroe Community College, New York has joined the faculty of Norwich University, Norfolk, Virginia, as an Assistant Professor in Economics and Business Administration.

JAMES LEFTER, ENGR. '51, Chief, Structural Division, Office of the Assistant Administrator for Construction, Veteran's Administration, Washington, D. C., is the recipient of a distinguished service award in conjunction with the Career Education Awards of the National Institute of Public Affairs. The award carries a Ford Foundation grant entitling the winner to a year of graduate study at one of five universities. Lefter will attend Virginia State.

GEORGE J. LAURER, ENGR. '51, of Endwell, New York, was recently promoted to Senior Engineer in the Industry and Customs Systems Department of IBM Inc., Development Laboratory, Endicott, New York.

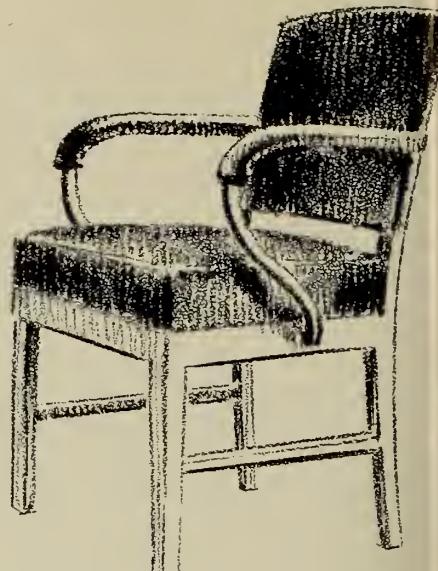
RAYMOND V. SHARP, MIL. SCI. '51 of Miami, Florida, has been promoted to major in the U. S. Air Force at Albrook AFB, Canal Zone. Major Sharp is a fuels officer in a unit that supports the Air Force's Southern Command (USA-FSO) mission of administering special training and military assistance to Latin American countries.

LIEUTENANT COLONEL BENJAMIN K. BLACKBURN, LL.B. '51, of Baltimore, Maryland, tied for second place honors in a class of 334 USAR and Army National Guard officers graduating from the U. S. Army Command and General Staff College at Fort Leavenworth, Kansas.

MAJOR JOSEPH J. PIALA, PH.D. '51, of Metuchen, New Jersey, is quite busy these days. In addition to his service during the summer with the 20th Medical Service Squadron, USAF Reserve, he devotes his civilian time to the E.R. Squibb Company of New Brunswick, New Jersey, where he is a member of the company's Institute of Research.

BENJAMIN B. HALLECK, ENGR. '51, has been named as Alcohol Unit Area Superintendent of the U. S. Industrial Chemicals Company of Tuscola, Illinois. Halleck had served as assistant area superintendent in the Ethylene Unit.

RAY O. ROBERTS, MIL. SCI. '52, of Pooler, Georgia, recently promoted to colonel in the U. S. Air Force, has assumed the position of supervisor for



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JAMES L. WINTER, A&S '52, of Washington, D. C., has been appointed a district manager in the Consolidated Eleetrodynamics Corporation of Pasadena, California, a subsidiary of the Bell & Howell Corporation.

DR. JOHN M. DAWSON, A&S '52, PH.D. '57, has been appointed Associate Head of the Plasma Physics Laboratory's Theoretical Division at Princeton's James Forrestal Research Center. The research physicist also teaches in the university's Department of Astrophysical Sciences.

FIRST LIEUTENANT MICHAEL E. BOARD, EDUC. '52 of Baltimore, has been assigned as a C-130 pilot at Pope AFB, Texas upon completion of training at the U. S. Air Force Southern Command Tropical Survival School in the Canal Zone.

CHARLES PORTER ELLINGTON, M.S. '52, received a Ph.D. in Agronomy at the June Commencement ceremonies of Pennsylvania State University.

WILLIAM S. RAY, PH.D. '53, Professor of Psychology at the University of North Carolina in Greensboro, is the author of *The Science of Psychology: An Introduction*, published June 1, 1964 by Macmillan. Dr. Ray has previously written *An Introduction to Experimental Design and Statistics in Psychological Research*.

COLONEL DANTE E. BULLI, MIL. SCI. '53 of Cherry, Illinois, who graduated in June from the Air War College at Maxwell AFB, Alabama, was reassigned to McCoy AFB, Florida, as commander of the Strategic Air Command's 267th Bomb Squadron.

CAPTAIN JAMES P. COYNE, BPA '53, formerly of Chevy Chase, Maryland, was a member of the first class in the United States Air Force to check out in the F4 "Phantom Two", the Mach-2 jet which is the newest, fastest and highest flying fighter-bomber in the Tactical Command's jet arsenal.

LIEUTENANT COLONEL RICHARD A. NALDRERR, MIL. SCI. '53, is now on duty with a United States Air Force advisory unit assisting the armed forces of Viet Nam in their fight against communist aggression. Colonel Naldrett, a special operations planning officer, will train and assist Vietnamese personnel in mastering various techniques necessary for maintenance of modern military.

COLONEL ROBERT A. ACKERLY, MIL. SCI. '54, of Middletown, New York, USAF, deputy director of operations for the 20th Fighter Bomber Wing, Wethersfield, England, was presented with a Commendation Medal for his services, at the same time that his wing received the Outstanding Unit Award of the United States Air Force.

LIEUTENANT COLONEL ALBERT J. KIRSLING, MIL. SCI. '54, is now as-

signed to the Officers Assignment Division at Headquarters, U. S. Air Force in Washington for duty as chief of the policy section.

LIEUTENANT COLONEL WOODROW W. JENKINS, MIL. SCI. '54, M.S. '56, of Sperryville, Virginia, is presently assigned to the Directorate of Accounting and Finance at Headquarters, USAF, Washington, as an accounting systems officer.

LIEUTENANT COLONEL LANDIS D. HENDERSON, MIL. SCI. '54, of Stanton, Michigan, graduated June 5 from the Air War College at Alabama's Maxwell Air Force Base. He has been reassigned to Washington headquarters, as director of operational requirements.

LIEUTENANT COLONEL ROBERT H. JAMES, MIL. SCI. '54, Homerville, Georgia, has arrived at Robins AFB, Georgia, to assume the position of director of data systems for Headquarters, Continental Air Command. Previously he served at Kadena AB in Okinawa.

LOUIE MILLER JR., MIL. SCI. '54, of McDade, Texas, promoted to colonel in the Air Force, is presently assigned to Headquarters, USAF Security Service, San Antonio, Texas, as director of officer personnel.

CAPTAIN DONALDSON D. FRIZZEL, AGR. '54, of Ellington City, Maryland, arrived for duty at Langley AFB, Virginia with a Tactical Air Command unit. Captain Frizzell, a C-130B pilot, is assigned to the 773rd Troop Carrier Squadron.

VINCENT A. ROY, EDUC. '54, of Greensboro, Pennsylvania, has been named to a commercial sales position with the West Penn Power Company. Roy, previously serving as public relations

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tions representative at the general office, was appointed commercial customer representative in the Loyalhanna district of Pennsylvania.

ROBERT K. BING, M.A. '54, ED.D. '61, former Director of Activity Therapies, Illinois State Psychiatric Institute in Chicago, has been appointed Assistant Professor of Occupational Therapy in the College of Medicine, the University of Illinois.

WILLIAM H. SHEPARD, EDUC. '55 became President of Walla Walla College, in College Place, Washington, this July.

CYRIL J. REAP, MIL. SCI. '55, of Dunmore, Pennsylvania, has been promoted to colonel in the U. S. Air Force. He is assigned as a maintenance control officer for Headquarters, 63rd Troop Carrier Wing at Hunter AFB, Georgia.

BENNETT CRAIN JR., LL.B. '55, is included in the annual Jaycee publication, *Outstanding Young Men of America*. In 1963 he was named one of the five Outstanding Young Men in Maryland, and also was nominated by the Junior Bar Association of Baltimore for Outstanding Young Lawyer of the year. Mr. Crain presently serves as the attorney for the Annapolis Urban Renewal Authority.

MARVIN P. BRYANT, PH.D. '55, presently in charge of Rumen Metabolism and Microbiological Investigations, Dairy Cattle Research Branch, Agricultural Research Service, U. S. Department of Agriculture, Beltsville, Maryland, has been appointed Associate Professor of Bacteriology, in the Department of Dairy Science, the University of Illinois.

WILLIAM E. KINDLEY, A&S '55, was named supervisor of group lines at the Travelers Insurance Companies office in Haddonfield, Connecticut.

MAJOR FELIX H. JEWELL, U.C. '55, is director of Project BUSH, U. S. Air Force program which is a cooperative effort of American Companies and the armed services to transport American made products in Europe and North Africa.

LIEUTENANT COLONEL GORDON C. PRELLER, MIL. SCI. '55, of New Haven, Connecticut, was one of 15 senior Air Force officers who received diplomas at graduation ceremonies at the Army War College, Carlisle Barracks, Pennsylvania, on June 15, 1964.

CAPTAIN EDWARD A. LIVINGSTONE, (ARMY RESERVE) A&S '55, of Bradbury Heights, Maryland, graduated from the Army Reserve Command and General Staff College Associate course, on July 18, 1964, following two weeks of active duty training at Fort Leavenworth, Kansas.

LAURENCE I. ADY, A&S '56, received his Master of Arts degree in Education at Rollins College, Winter Park, Florida on May 31, 1964.

ANN MUSSETTE BEERS, EDUC. '56, of Annapolis, Maryland, received a Master

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of Arts degree from Marshall University in Huntington, West Virginia.

LIEUTENANT COLONEL EVARICE C. MIRE, JR., M.A. '56, of Montgomery, Alabama, has been selected to enter the U. S. Army War College at Carlisle Barracks, Pennsylvania. He is one of 205 senior military officers to undergo ten months of intensive academic training in preparation for command and staff positions.

COLONEL REGINALD T. WEBER, (AUS Ret.) MBA '56, of Montgomery Alabama, Associate Professor of Business Administration at Norwich University, received his Ph.D. at commencement exercises held at New York University on June 10, 1964.

WILLIAM A. KLEIN, PH.D. '56, has been promoted to manager of chemical research and development in the abrasives laboratory at 3M Company in St. Paul, Minnesota.

JEAN B. WATERS, PH.D. '57, of Lancaster, Pennsylvania, has been promoted to Senior Professional Service Representative in Smith Kline and French Laboratories, centered in Philadelphia.

DR. STANLEY M. HOLBERG, PH.D. '58, of St. Lawrence University, Canton, New York, has recently been promoted to Associate Professor of English at the University.

MRS. NANCY LEE ADY, EDUC. '58, received her master's degree in Education this spring during commencement exercises at Rollins College, Winter Park, Florida.

COL. CARL W. BRADFORD, MIL. SCI. '58, has been decorated with the United States Air Force Commendation Medal at Elmendorf AFB, Alaska. The medal was awarded for meritorious service as Armed Forces Day project officer for the New England states, New York and New Jersey, while assigned to McGuire AFB, New Jersey.

MICHAEL B. MIRAGLIA, MIL. SCI. '58, of Geneva, Illinois, has been promoted to major in the U. S. Air Force at Wheeler AFB, Hawaii, where he is assigned as chief of the operations and maintenance division.

LIEUTENANT COLONEL GEORGE O. ANDERSON, MIL. SCI. '58, of Cranford, New Jersey, has completed the combat operations course at the Air Force Air-Ground Operations School at Hurlburt AFB, Florida. He is an Air Force representative at Fort Knox, Kentucky.

LIEUTENANT COLONEL FRED W. SCHULTZ, MIL. SCI. '58, (USAF Ret.) who was instrumental in the development of the AUTODIN communications network of the U. S. Department of Defense, has been named Program Manager of Systems Implementation for Western Union in Washington, D. C.

CAPTAIN THOMAS P. WILLIAMS, MIL. SCI. '58, of Waynesboro, Ohio, a member of the USAF Tactical Com-

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mand, is currently studying cold weather combat problems with Exercise Polar Seige now underway in Alaska. He will return to Dyess AFB, Texas for permanent duty when the training maneuver is completed in February.

LIEUTENANT COLONEL ARTHUR M. BURTON, MIL. SCI. '58, of Tipton, Indiana, retired from active duty in the Air Force, to accept the position of assistant to the president of Gonzaga University, Spokane, Washington. He had previously been assigned to the AFROTC program at the University of Kentucky as an Assistant Professor.

VICTOR J. PEPE, BPA '58, of College Park Estates, has been named Distinguished Salesman of the Year by The Reuben Donnelley Telephone Directory Corporation, Washington, D. C.

LIEUTENANT COLONEL GEORGE W. SHIPLEY, MIL. SCI. '58, formerly of Washington, D. C., arrived for duty at Headquarters, Pacific Air Forces at Hickam AFB, Hawaii, where his unit will provide airpower for defense of the U. S. and its allies in the Pacific area.

CAPTAIN RICHARD H. MORGAN, P.E. '59, of Arlington, Virginia, was named a distinguished graduate in his class of more than 800 U. S. Air Force officers at the Squadron Officer School, Maxwell AFB, Alabama.

MASTER SERGEANT RALPH W. BATES, CSCS '59, has completed the special Air Force Recruiter course at Lackland AFB, Texas, which will entitle him for service as a recruiter at Omaha, Nebraska.

MAJOR ALLAN W. HUETT, CSCS '59, of Chicago, Illinois, was named a distinguished graduate of the Air University's academic instructor course at Maxwell AFB, Alabama where he will serve in the warfare systems school.

DONALD DAVID LONG, BPA '59, has joined the field property claim staff of the State Farm Mutual Automobile Insurance Company in its Towson, Maryland branch.

DR. SI DUK LEE, M.S. '59, PH.D. '62, (AGR) has been appointed to the staff of the U. S. Public Health Service's Robert A. Taft Sanitary Center, located in Cincinnati, Ohio. Dr. Lee is serving presently as a research chemist in the Physiology Section of the services Air Pollution Laboratory of Medical and Biological Sciences.

THOMAS D. HANLON, BPA '59, was appointed assistant manager of the Las Vegas, Nevada Convention Bureau where he will be engaged primarily in public relations and sales promotion activities.

ROBERT W. BOWER, U.C. '59, of Washington, D. C., received his MBA degree from American University in June of 1964. He is presently employed in marketing in the field of Electronic Data Processing at the RCA corporation.

THE SIXTIES

CAPTAIN CHARLES W. FOWLER, A&S '59, U.C. '60, of Lusby, Maryland, arrived for duty with Headquarters, Seventeenth Air Force at Ramstein AFB, Germany.

BRUCE A. BROUGH, EDUC. '59, BPA '60, has been named public relations field representative in the Ford Motor Company's Washington office. Mr. Brough previously was editor of *Goddard News*, official publication of the National Aeronautics and Space Administration's Goddard Space Flight Center in Greenbelt, Maryland.

FIRST LIEUTENANT RALPH P. HAMILTON, P.E. '60, of Waldorf, Maryland, has been awarded the U. S. Air Force Outstanding Unit Award at Langley AFB, Virginia.

IRIS KERN SHAPIRO, A&S '60, received the degree of Master of Arts at the June commencement exercises of the State University of Iowa.

VITHALBHAI LALLUBHAI PATEL, A&S '60, received his Ph.D. in Physics at the June graduation of the University of New Hampshire.

FIRST LIEUTENANT RANDOLPH A. CRAMER, BPA '60, M.B.A. '63, of Woodsboro, Maryland, has completed his first solo flight in the T-33 jet trainer, while undergoing Air Force pilot training at Laughlin AFB, Texas.

RICHARD C. JACOBS, BPA '60, vice president, Jet Spray International Corporation, Waltham, Massachusetts, was a featured speaker recently at the 47th National Conference of the American Marketing Association at the Sheraton Dallas Hotel, Dallas, Texas. His address directed at major manufacturing concerns, stressed the development of foreign markets.

LIEUTENANT COLONEL DANIEL M. HERRIN, U.C. '60, of Salisbury, North Carolina, has completed the Air Force's Air War College correspondence course in economics of national security. Colonel Herrin is the executive officer of the USAF hospital at Homestead AFB, Florida, the medical division of the Strategic Air Command.

COLONEL FRANK L. GAILER, JR., M.A. '60, of Great Neck, New York, has assumed the position of deputy commander of training at Laredo AFB, Texas. Prior to this appointment, he served as chief of the Latin American Missions Branch located in Washington, D. C.

LIEUTENANT COLONEL GILBERT D. HERETH, U.C. '60, of Bremerton, Washington, a June graduate of the Air Force's Air War College for officers has been reassigned to the Tactical Air Command at Langley AFB, Virginia.

FIRST LIEUTENANT RICHARD J. EVERE, ENGR. '60, of Baltimore, Maryland, arrived for duty with a unit of the Pacific Air Forces at Don Muang AB, Thailand.

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LIEUTENANT COLONEL ROBERT S. PAUKERT, U.C. '60, of Cedar Rapids, Iowa, has graduated from the Air War College seminar program at Maxwell AFB, Alabama where he is director of the data processing center.

SECOND LIEUTENANT GERALD M. LU, ENGR. '61, is being reassigned to Francis E. Warren AFB, Wyoming, following his graduation from the Air Force Institute of Technology course in applied engineering at Wright-Patterson AFB, Ohio.

DANIEL C. KING, ENGR. '61, of Damascus, Maryland, has been commissioned a second lieutenant in the U. S. Air Force following graduation from Officer Training School at Lackland AFB, Texas.

BILLY MILTON GUICE, BPA '61, was granted a Master of Arts Degree in Education at Furman University in Greenville, South Carolina.

LINDA COOPER SLAN, EDUC. '61, received the degree of Master of Science in Speech and Hearing from Washington University in St. Louis, Missouri during its 103rd commencement on June 8, 1964.

HENRY NORMAN SIEBENBERG, ENGR. '61 received his M.S. degree in Mechanical Engineering during the June 12 Commencement Exercises held at the Hartford Graduate Center of Rensselaer Polytechnic Institute of Troy, New York.

JOHN S. DELIBERA, A&S '61, was one of those persons receiving advanced degrees from Ohio State University, Columbus, Ohio in the spring commencement. Mr. Delibera earned a bachelor of laws degree in his graduate work.

SECOND LIEUTENANT CHARLES A. GRANDMAISON, JR., P.E. '61, of Washington, D. C., has been assigned to an Air Training Command unit at Mather AFB, California following his graduation as a U. S. Air Force pilot.

LIEUTENANT COLONEL WARREN D. CURTON, U.C. '61 of Chattanooga, Tennessee, was graduated from the Air Force's Air War College at Maxwell AFB, Alabama. He is now assigned to Lakenheath RAF Station, England for duty as commander of the 48th Tactical Fighter Wing.

CAPTAIN JOHN W. DAWSON, U.C. '61, of Vincennes, Indiana, a tactical pilot with the United States Air Force, is now serving at Cannon AFB, New Mexico.

DR. RAY E. HIEBERT, M.A. '61, PH.D. '62, Chairman of the Department of Journalism and Public Relations at The American University, along with his graduate assistant, will share a grant from the Public Relations Society of America for a study entitled "Public Relations Education in American Colleges and Universities."

JACKSON DELANEY PENNINGTON, A&S '61, LL.B. '63, of Charlottesville,

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Virginia, has joined the field claim staff of the Baltimore office of The State Farm Mutual Automobile Insurance Company.

DOUGLAS W. DAVIS, U.C. '61, M.A. '64, retired from active service in the U. S. Navy, to begin work on his Ph.D. at Maryland University where he is studying Government and Politics. Early in April, Davis became a member of Pi Sigma Alpha, the National Political Science honor society.

LIEUTENANT COLONEL STEPHEN E. AKERS, U.C. '62, of Longmont, Colorado, has been assigned to the Office of the Surgeon of Headquarters, U. S. Army, Fort Shafter, Hawaii.

PENELOPE JO PARKER, H.E.C. '62, a major in textiles and clothing, has been selected for the position of management technician in the Office of the Secretary, the Department of Health, Education and Welfare, located in Philadelphia.

SECOND LIEUTENANT BRUCE J. GOLD, EDUC. '62, of Yonkers, New York, has been awarded the silver wings of a United States Air Force pilot upon graduation from flying training at Moody AFB, Georgia.

TECHNICAL SERGEANT FREDDIE J. WALTON, U.C. '62, of Huntsville, Alabama, has been named the Outstanding Noncommissioned Officer for the past six months in the 820th Strategic Aerospace Division at Plattsburgh AFB, New York.

LIEUTENANT COLONEL JACK A. DUNLAP, U.C. '62, U. S. Army, received the Legion of Merit on May 8 of this year, while assigned to the Department of Joint, Combined and Special Operations at the U. S. Army Command and General Staff College, Fort Leavenworth, Kansas.

THEODORE M. ALLEN, ENGR. '62, of St. Michaels, Maryland, has been promoted to first lieutenant in the U. S. Air Force at Little Rock AFB, Arkansas, where he is a design engineer for the Strategic Air Command.

BARRY DAVID BERGER, A&S '62, received his master's degree in Psychology from Bryn Mawr College, Radnor, Pennsylvania, during its spring commencement.

IRENE E. SUIZU, BPA '62, of Washington, D. C., is presently employed as an economist for the U. S. Department of Commerce.

THOMAS J. HOWSER, ENGR. '62, formerly of Mt. Rainier, Maryland, who accepted employment with the Department of Highways, State of California, in Los Angeles, has recently passed the qualifying examination as an assistant engineer with that department.

AIRMAN THIRD CLASS PAUL W. QUINN, BPA '62 of Baltimore, Maryland, has been named an honor graduate of the United States Air Force course for inventory specialists at Amarillo, Texas.

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MAJOR CLAIR R. CALL, U.C. '62, of Oakland City, Indiana, has arrived for duty with the Air Force section of U.S. Military Assistance Advisory Group in Saigon, Viet Nam.

MORTON P. LUBIN, A&S '62, of Baltimore, Maryland, has been promoted to first lieutenant in the U.S. Air Force. He is an administrative services officer in the 3790th School Squadron at Gunter AFB, Alabama.

MASTER SERGEANT KARL R. DOBEREINER, U.C. '62, of Argyle, New York, has completed the U.S. Air Force course for technical instructors at Sheppard AFB, Texas. The sergeant, an aircraft electrician, is being reassigned to Dover AB, Delaware, for instructor duty.

HUGH P. BURNS, BPA '62, of Greenbelt, Maryland, has been promoted to first lieutenant in the Air Force. Lieutenant Burns, an information staff officer, is assigned to the 351st Strategic Missile Wing at Whiteman AFB, Missouri.

NOLAN RUSSELL WALLACH, A&S '62, received his Master of Arts degree in Mathematics this June for academic work completed in January at Washington University, St. Louis, Missouri.

ERIC BUN CHIONG KHU, PH.D. '63, has traveled extensively in the Far East, and is now living near Sydney, Australia.

TECHNICAL SERGEANT ROBERT O. FRIER JR., U.C. '63, of Dover, Delaware, has arrived for duty at Ramstein AB, Germany with a unit of the U.S. Air Force.

LIEUTENANT COLONEL ROBERT L. BOBBETT, U.C. '63, of St. Louis, Missouri, has also been assigned duty with the Air Force unit stationed at Ramstein AFB, Germany.

CAPTAIN HAROLD F. JOHNSON, U.C. '63, of Sodus, New York, is now with an Air Force hospital at Osan AB, Korea. He has previously been stationed at Lackland AFB, Texas.

MARIE ELIZABETH HALLION, A&S '63, is the recipient of the newly-established Mary Elizabeth Roby Scholarship offered by the University Park Republican Women's Club. The award is given annually to an upperclass or graduate woman student majoring in political science.

DR. STEPHEN S. HIRSCH, PH.D. '63, has joined Chemstrand Research Center, Incorporated, as a research chemist. He is a member of the American Chemical Society.

ARTHUR S. MORRIS, M.A. '63, an Englishman and graduate of Oxford University, was recently named Instructor in the Geography Department of Western Michigan University.

J. P. WILSON, ENGR. '63, was one of two engineers with Weinschel Engineering Company, Gaithersburg, Maryland, to present a technical paper



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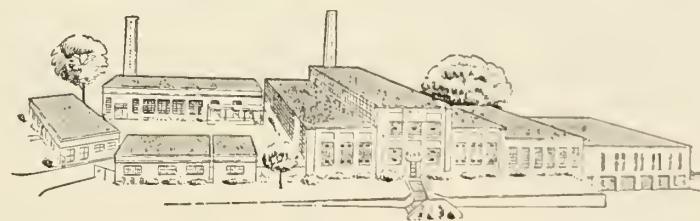
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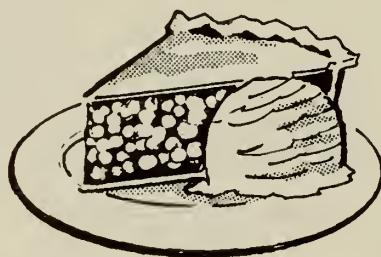
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before the annual conference of the Instrument Society of America in October of 1964, in New York city. The paper, entitled "The Calibration of RF Signal Generators" dealt with the characteristics of the instrument and its applications.

SECOND LIEUTENANT JOHN K. GULCK, EDUC. '63, of Baltimore, Maryland, was reassigned to Cannon AFB, New Mexico, following his graduation from the course for Air Force weapons controllers at Tyndall AFB, Florida. The course placed special emphasis on radarscope and manual air defense system operation.

ARMAN THIRD CLASS JAMES E. FOWLER, BPA '63, College Park, Maryland, returned to his Air National Guard unit in Washington, D.C. following graduation from the technical training course for Air Force electrical power plant specialists at Sheppard AFB, Texas.

ARMAN THIRD CLASS MIN HUEY DER, BPA '63, of Baltimore, Maryland, has graduated from the technical training course for Air Force medical service specialists, and is now stationed with a medical unit of the Maryland Air National Guard at Baltimore.

CHARLES C. HEATON III, BPA '63, joined the Washington Star's Classified Advertising Sales Staff. Mr. Heaton resides in Bethesda, Maryland.

SECOND LIEUTENANT JOHN D. LOHNAS JR., A&S '63, of LaVale, Maryland, who graduated from the technical training course for Air Force communications officers at Keesler AFB, Mississippi, has been assigned to a Tactical Air Command unit at Eglin AFB, Florida.

DAN W. WELLER, JR., ENGR. '63, of Hagerstown, Maryland, has recently graduated from the California Institute of Technology in Pasadena, with a Master of Science degree in Electrical Engineering.

LIEUTENANT COLONEL JAMES T. MINYARD, U.C. '63, of Lawrence, Indiana, graduated from the associate course at the U.S. Army Command and General Staff College in Fort Leavenworth, Kansas, and is now assigned to the 38th Replacement Battalion's 176th Company in Korea.

SECOND LIEUTENANT JOHN B. O'BRIEN III, BPA '63, of Silver Spring, Maryland, is now undergoing pilot training at Reese AFB, Texas.

ERNEST P. ORR, A&S '63, of Fairview, New Jersey, commissioned as a second lieutenant in the Air Force upon graduation from Officer Training School at Lackland AFB, Texas, has been reassigned to Sheppard AFB for further training as a missile launch officer.

PHILIP A. LAURO, A&S '63, of Fairview, New Jersey, a newly-commissioned second lieutenant in the U.S. Air Force, is now stationed at Keesler

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AFB, Mississippi for training as a weapons controller.

SECOND LIEUTENANT JAMES F. PLANTHOLT, A&S '63, of Beltsville, Maryland, is now serving with a Tactical Air Command unit at Eglin AFB in Florida, after his completion of an Air Force communications officers course at Keesler AFB.

EDWARD D. GIAHOLY, ENGR. '63, is now assigned to the Physics Division of the United States Patent Office, Washington, D.C.

KENNETH DAWSEY, BPA '64, is now employed by the U.S. Naval Oceanographic Office branch in Suitland, Maryland.

JAMES BEATTIE, ENGR. '63, former president of the Student Government Association of Maryland is the recipient of a National Area Fellowship to the Harvard University Graduate School of Business Administration.

JOHN W. HUMMEL, AGR. '64, won a first place national award when he presented a research paper before the annual meeting of the American Society of Agricultural Engineers. His work concerned the effect of fuel charge temperature on the performance of the LP gas engine.

LIEUTENANT COLONEL GABRIEL P. BARTHOLOMEW, U.C. '64, of Los Angeles, California, is an Air Force advisor to the Niagara Falls Municipal Airport in New York.

MELITA LINK, A&S '64, left for French-speaking West Africa on September 27, 1964 as an English teacher with the Peace Corps. The new volunteer took part in an intensive three months' training at Oberlin College, Ohio before her final acceptance.

STEVEN J. BUTLER, BPA '64, has been appointed an agent at the Virginia Beach office of the REA Express, the nationwide and worldwide transportation company with headquarters in New York.

DIANE KATHERINE STATZ, A&S '64, of Kent Island, Maryland, is now employed by the U.S. Department of Agriculture, Agricultural Research Service, as a chemist.

HAMILTON G. WALKER, ENGR. '64, has recently joined Rohm & Haas Company, the Philadelphia plastics and chemicals manufacturer, in the firm's research laboratories at Bridesburg, Pennsylvania.

CHARLES N. SOMERS, PH.D. '64, who has been assistant director of the University of Maryland's Baltimore Division of University College for three years, has accepted an appointment to the position of Assistant Academic Dean at Lock Haven State College in Pennsylvania.

VIRGINIA (MARTINI) BIGELOW, EDUC. '64, of Passaic, New Jersey, has joined the staff of Senator Clifford P. Case (R-N.J.) as his receptionist.

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In Memoriam

DR. WILLIAM S. SEYMOUR, PHARM. '92, M.D. '95, a general practitioner in Talbot County, Maryland for 66 years, died June 28, 1964 at his home after an illness of nine months. He was a member of the County Medical Society, and the Medical and Chirurgical Society of Maryland.

GRENVILLE LEWIS, MAC '97, died on September 27, at Fort Howard Veterans Hospital. He was 88.

Mr. Lewis was one of the first football greats at the University of Maryland. He served as captain, coach and fullback of the 1896 team. There were many who thought that even in recent years he could have given a good account of himself on the gridiron. As an active alumnus, Mr. Lewis returned to campus for many Homecoming celebrations and delighted in accompanying the newly-crowned Homecoming Queen for her ride around the stadium in an open convertible.

A native of Washington, Mr. Lewis graduated from the University of Maryland in 1897. He played professional football for several years before beginning work in railroad and mine construction in West Virginia. During World War I, he served as captain in the Army Corps of Engineers. After the war, he became assistant general superintendent of the Aliquippa, Pa. plant of Jones & Laughlin, Inc., and later was in charge of a CCC camp in western Maryland during the depression.

During World War II, Mr. Lewis was a building superintendent with contractors responsible for building housing units at the Indian Head Arsenal. From 1945 to 1959, when he retired, he was a supervisor in industrial relations at the Patuxent Naval Air Station.

Mr. Lewis leaves his wife, Ruth, of Hollywood, Maryland; a son, Grenville III, of Dallas; a daughter, Mrs. Mary Lewis Reed, of Los Angeles; seven grandchildren; and a host of friends who span several generations.

JACOB S. NEW, LL.B. '05, a Baltimore attorney and past Grand Master of Masons in Maryland, died April 4, 1964. He had served as a member of the Legal Advisory Board during World War I, and professionally as a past vice president of the city and state Bar Associations and a member of the Association of Life Insurance Counsel.

DR. WILLIAM MICHEI, M.D. '12, a Baltimore physician, died on June 22, 1964 at his home. He was a member of the Medical and Chirurgical Faculty, the Baltimore Medical Society, and the American Medical Society.

DR. FREDERICK J. KIMZEY, M.D. '12, retired Baltimore pediatrician, died at his home, June 22, 1964. A former

staff member of the Hospital for the Women of Maryland, he also was a consultant at the Presbyterian Church Home and Hospital and at Union Memorial Hospital. He was a member of the Medical and Chirurgical Society, the Baltimore Medical Society, and the American Medical Society.

ELBERT C. CARPENTER, D.D.S. '13, of Irvington, New Jersey, died on May 13, 1964.

HARRY S. DEARSTYNE, AGR. '13, of Norfolk, Virginia, died at his home on June 22, 1964.

DR. JOHN J. PIVEC, PHARM. '15, a retired pharmacist who had practiced in Highlandtown, Maryland for many years, died on June 12, 1964 after a long illness.

DR. J. FRED EMERSON, D.D.S. '17, a retired dentist of the Baltimore area, died suddenly while vacationing in Paris during May of 1964. Dr. Emerson, who was born in San Paulo, Brazil, was an instructor at the Dental School of the University until 1960. A known stamp enthusiast, he was an authority on the "Bull's Eye" and Don Pedro stamp issues of his native country.

DR. MORRIS N. PUTTERMAN, M.D. '18, general practitioner in Baltimore for 34 years, died August 11, 1964 at his home. He was a former member of the Medical and Chirurgical Faculty of Maryland, the Baltimore City Medical Society, and the American Medical Association.

DR. LOUIS LASS, M.D. '21, of Altoona, Pennsylvania, who served on the staff of the Altoona Hospital for more than forty years, died at his home early in 1964.

RICHARD D. BIGGS, LL.B. '24, resident of Baltimore, and general counsel for the Loyola Federal Savings and Loan Association, died at his home June 8, 1964 after a long illness.

DR. CREED C. GREER, M.D. '28, of Clarksburg, West Virginia, died on July 16, 1964 after a long illness.

JOSEPH W. WELLINGTON, M.A. '29, retired Department of Agriculture horticulturist, died on June 13, 1964 in Washington following complications in surgery. Mr. Wellington, who formerly wrote gardening articles for the *Evening Star* papers, served as an agricultural research coordinator for the government, for which he received his department's Superior Service Award in 1951.

DR. ROLLIN C. HUDSON, M.D. '30, past president of the Baltimore County Medical Association, died May 29, 1964 after a lengthy illness. A specialist in dermatology, Dr. Hudson had a keen interest in semi-precious stones and fossils, of which he had an extensive collection.



ABRAM Z. GOTTWALS, AGR. '38, died July 10 after suffering a stroke while addressing a service club in Salisbury.

Abe was taken while doing the thing he enjoyed most, helping others. Next to his professional career in banking, was his interest in the University Alumni Association.

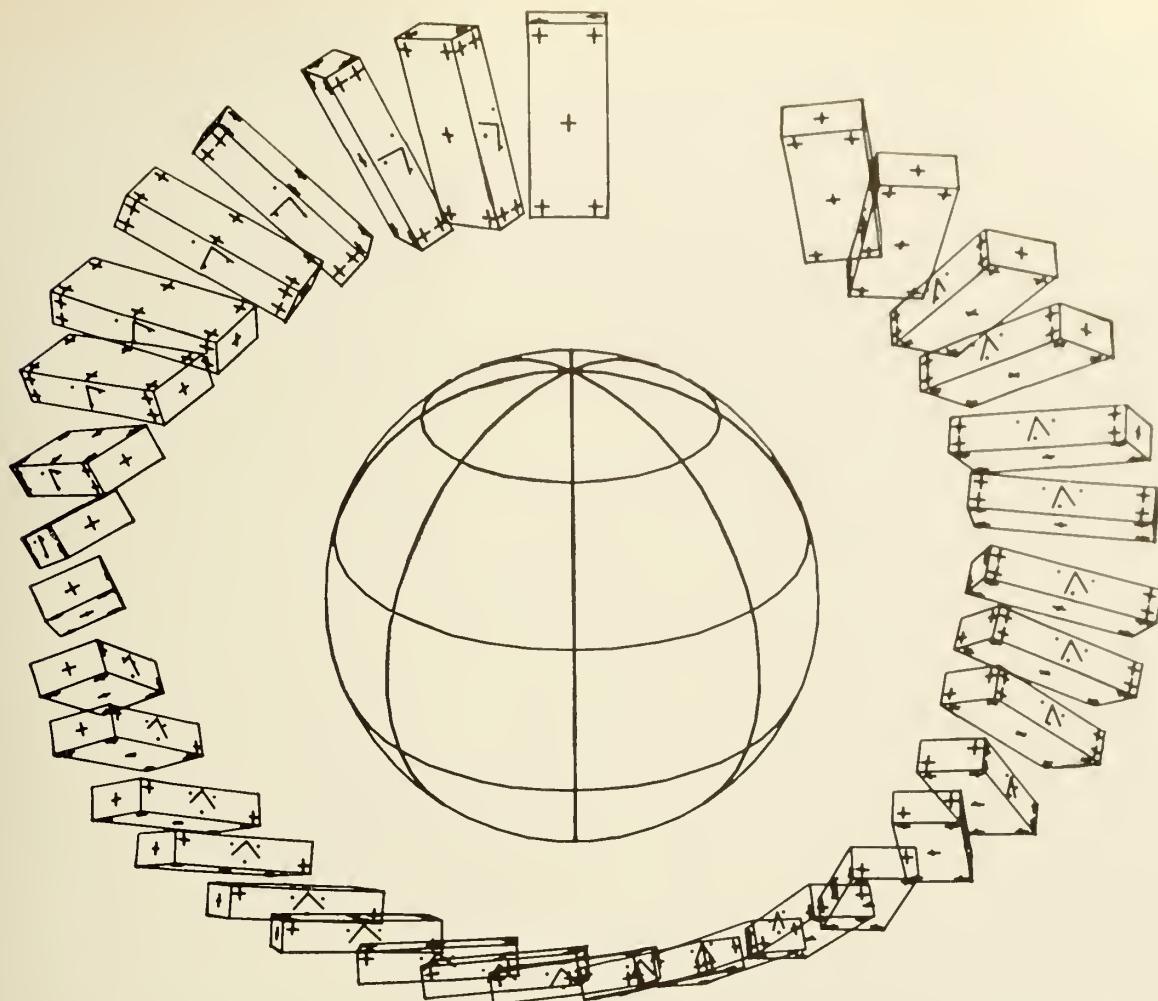
At the time of his death, he was Assistant Vice President of the First National Bank of Maryland, in charge of its Agricultural Department and stationed in Salisbury.

Following graduation, he taught vocational agriculture, served as secretary-treasurer of the Southern Maryland National Farm Loan Association, became the agricultural and public relations representative of the First National Bank of Southern Maryland and in 1962 moved to First National Bank of Maryland.

Abe was never too busy to help others. His list of friends and organizations were endless and included: Member of the Alumni Council, University of Maryland; President of the board of Alpha Gamma Rho Alumni Association; past officer of Lions Club; director of the Delmarva Poultry Industry; Maryland 4-H Club Foundation; director, Wicomico County Red Cross; director, Maryland Tobacco Improvement Association; holder of the 4-H Alumni Award; and a director of the Chesapeake Seafood Association.

He was survived by his wife Mary Alice; two sons, both Maryland graduates, Harry and George; and five sisters and three brothers.

RICHARD, J. O'BRIEN, ENGR. '48, staff engineer for the Washington metropolitan area of the Chesapeake and Potomac Telephone Company, died of a heart attack in Washington's Casualty Hospital on July 20, 1964.



Picture of a satellite in orbit—as drawn by a computer

The domino-shaped box in the drawing above represents a communications satellite orbiting the earth.

The various angles and positions of the box show the relative positions of the satellite during one orbit.

The drawing was made, not by a man, but by a computer at Bell Telephone Laboratories to help scientists visualize how the satellite would behave.

What the computer did is called *simulation*. Working from data given it, the computer calculated, or simulated, the satellite's position at various instants and produced the

picture on microfilm. The picture told us what we needed to know.

We use such simulation a great deal to save time and hold down costs in developing and testing new products and services.

Computers help us plan coast-to-coast transmission systems, new switching logic, and data systems. They also help us study problems relating to telephone usage at given times of the day or year.

Not all of our simulation is done on computers. Often we can simulate by other means.

We test new kinds of undersea telephone cables in buried, brine-

filled steel pipes that duplicate the pressures and temperatures of the ocean's bottom at various depths.

Ingenious equipment in one of our laboratories sends test telephone pulses racing around an electronic ring that simulates a 6000-mile circuit containing 5300 repeaters to boost voice volume.

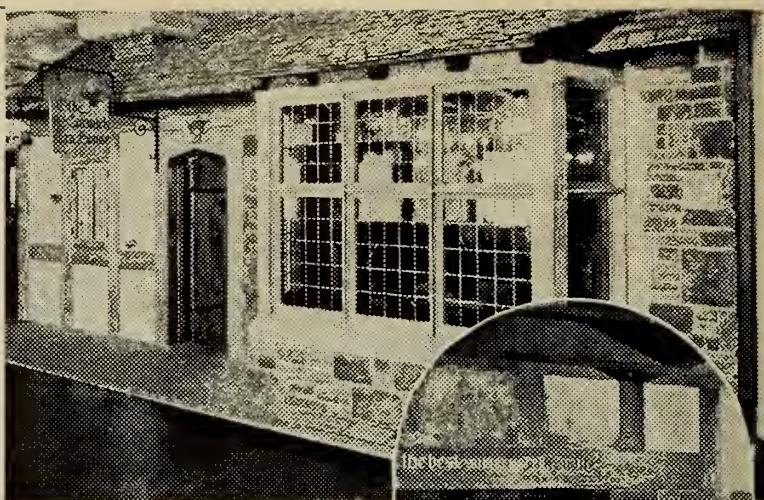
Many additional examples of simulation could be cited. Often they help us spend our time and money more efficiently in developing new services and improving present ones—in making sure that America continues to enjoy the world's finest telephone service at the fairest possible prices.



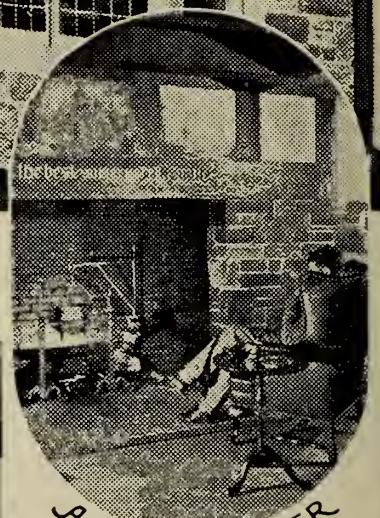
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Maryland

JAN 11 1965

magazine

November-December, 1964





the Maryland magazine

Alumni Publication of the University of Maryland

Volume XXXVI November-December Number 5

THE COVER: This photograph shows the Baltimore campus at the University of Maryland and its location close to the center of the City. The steel framework of the new Law School Building may be seen in the cleared area just left of the Hospital tower. Photograph by Al Danegger.

Maryland



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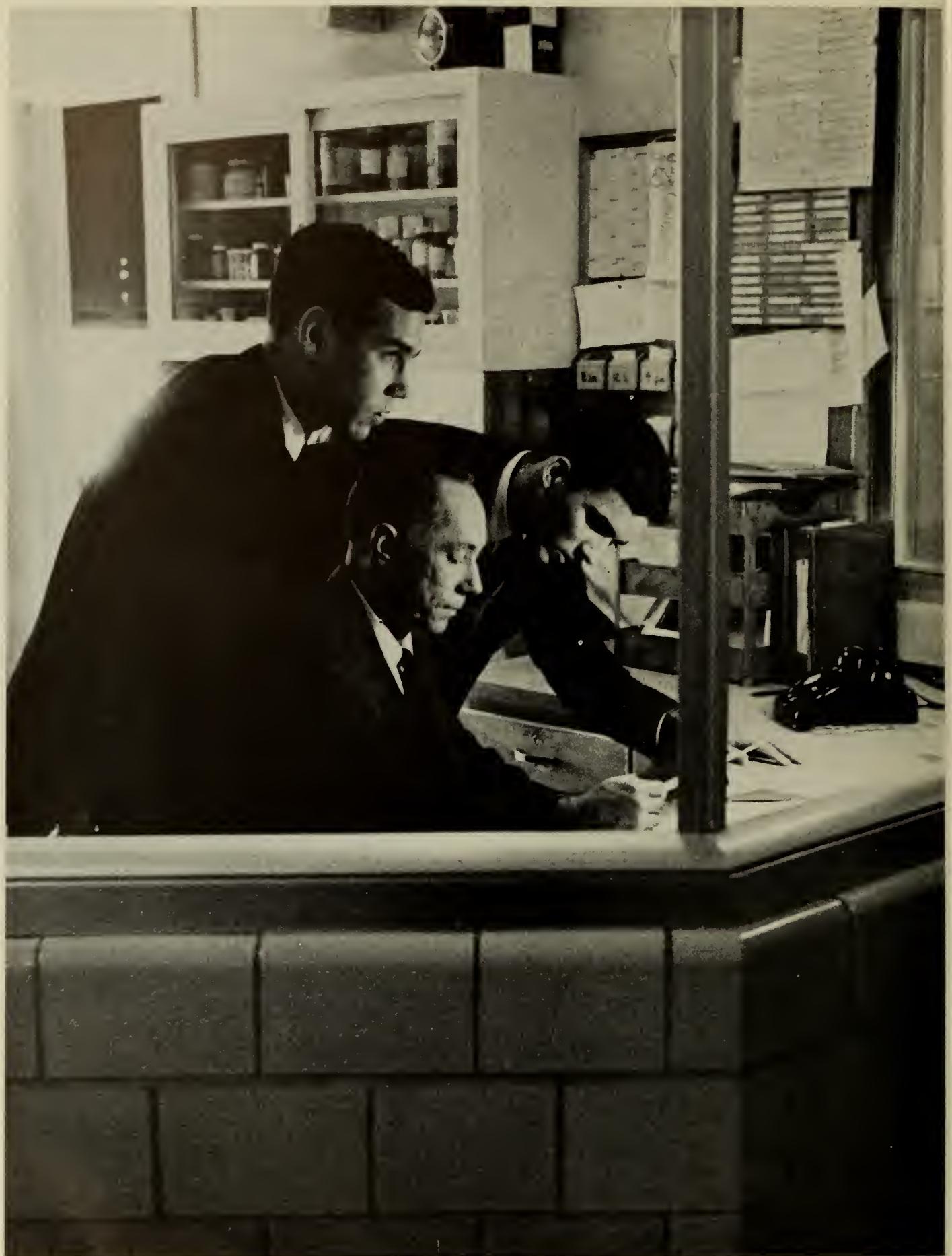
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University of Maryland psychology students Mark King (left) and Charles Citrenbaum (right) discuss a case history with Dr. Louis Arbona, division chief at Spring Grove State Hospi-

tal. The two are among some 300 University students who have volunteered to spend a few hours each week helping patients in nearby centers for mentally disturbed.

Maryland Students Aid the Mentally Ill

by Isolde Weinberg

STUDENTS FROM A CLASS IN ABNORMAL PSYCHOLOGY at the University of Maryland who visited a mental hospital as part of their course work last year were distressed by the high proportion of patients to staff and the resulting impersonality of the treatment.

Last fall their distress was translated into action.

Three hundred students were recruited as Volunteers for Mental Health, agreeing to spend a few hours every week in one of five nearby centers for the emotionally ill or mentally retarded, contributing in any way they could to the residents' well-being.

"I learned about the program while I was at the University signing up for a course," said Martha Jackowski, Executive Director of the Montgomery County Mental Health Association (UGF), a voluntary non-profit organization which works for better public understanding of mental health and for better treatment of the emotionally disturbed.

"Students were lining up to register for the volunteer program as if they were giving away football tickets," she said.

"Now that some traditional sources of volunteers are drying up, as many women go on to jobs once their children are in school, the students' efforts are particularly important," she added. "The problem has been transportation. More students are willing to work than there are cars available. We are hoping to find drivers from the community so all this willingness won't be lost."

Mark King, student chairman of the volunteer group and a senior majoring in psychology, said, "Sometimes four or five of us would be ready to go to our assigned hospital, and then the driver couldn't make it, so we were all stuck."

Last year, student volunteers worked at the Children's Center in Laurel; the Edgemeade Youth Center in Upper Marlboro; Spring Grove State Hospital, Catonsville; Springfield State Hospital, Sykesville, and St. Elizabeths Hospital.

All the institutions have expressed hope that students will be available again this year.

"The volunteer program worked out best when the student felt he or she was involved in a project with definite goals contributing to a patient's recovery—not just keeping him busy," said Dr. Stanley Pavey, assistant professor of psychology and the group's faculty advisor.

"Sometimes a volunteer program can set off a chain reaction," Dr. Pavey continued.

"Volunteers ask for a situation in which they can feel motivated. This in turn may call for a new effort from the hospital staff and can be stimulating right down the line to the aides in the wards who begin to see the patients in a different light."

At Spring Grove State Hospital, students worked on one of the most regressed women's wards as part of a total attempt to help the patients.

"In the beginning a doctor went around with us, explaining things," said Mark King. "We had to get used to it

and the women had to get used to us coming in, instead of running away like a flock of sheep. After a while, the change was amazing. It got so they were glad to see us. They would get dressed and put on lipstick. We took them on walks. They could talk to us in a different way because we didn't represent hospital authority."

Naney Rains, Executive-Secretary of Volunteers for Mental Health and a psychology major at the University, also worked on the ward. "We felt the doctor respected us and our limited knowledge, that he cared about us and about the ward, and that he thought we could help," she said.

"For me, it was reality, not Ben Casey on television. You can read about 'catatonies' and 'schizophrenics' in books, but there is such a disparity between the books and the people. In the hospital you are thrown on your own resources. It is *the* test of your devotion and you can really find out if you want to go on working in this field."

Dr. Pavey seconded Naney's observations. "Psychology classes tend to categorize," he said. "People don't fit neatly into the descriptions. Then, too, the students have a chance to get over the hump of seeing the people as 'crazy' and to realize, emotionally as well as intellectually, that they are just human beings with difficulties."

This year, students will also serve as volunteers at "The Open Door," a social and recreational center in Silver Spring which is sponsored by the Montgomery County Mental Health Association for former patients.

Persons volunteering to transport the students are welcome to join the program further by working with patients during the several hours between the trip to a hospital and the return to the University.

"It was a mistake in the first place to exile mental patients in outlying institutions," said Dr. Pavey.

"But until we develop community-based mental health centers, we can go some distance toward remedying the error by having people who represent the community going out to the hospitals and taking an interest in the people."

Alumni Can Help

WHERE: Volunteers for Mental Health, special project at the University of Maryland, in association with the Montgomery County and Prince Georges County Mental Health Association (United Givers Fund agencies).

WHO IS NEEDED: People to drive small groups of student volunteers to hospitals and centers for the emotionally ill and mentally retarded. Drivers may participate in hospital programs if they wish.

HOW MUCH TIME: Three to four hours (including driving time) once a week, afternoons, evenings or weekends.

CALL: Dr. Stanley Pavey, WA 7-3800, ext. 7644.

ENGINEERING ALUMNI MEET AT HICKORY HILL



THE FIFTH ANNUAL BULL ROAST OF THE ENGINEERING Alumni of the University of Maryland was held at Hickory Hill Farm, the home of Ben Dyer, '31. The stag affair on October 10 was attended by approximately 200 graduate engineers and their guests.

Joe Deckman was in charge of the food, which was the main order of business for the day, and he and Chester "Shorty" Ward personally handled the carving to see that everyone received a generous portion from the huge rounds of beef. Francis White was in charge of "sports events" which featured such strenuous activities as tossing a soft ball into a milk can and long distance ping-pong ball throwing. Anything to ward off the chilling wind! Prizes were awarded to the various sports champions. Col. O. H. Saunders received a desk set for being the earliest graduate present from the College of Engineering. He graduated in 1910.

Prizes for the athletic events were awarded to the following: Lou Tacchetti, Bill Mentzer, and Dick Kisielewski for the highest cumulative points in all contests; Denny Brown, Hole-in-one; Ken McAuliffe, Plate Toss; Bill Mentzer, Football Kick; Jeff Greenwell, Football Throw; Bud Holm, Softball Toss.

A high point of the afternoon was the presentation by President Sy Wolf of a gift to Ben Dyer in appreciation for the use of the beautiful Dyer farm for the Annual Bull Roast. The gift was a lamp made from an antique surveyor's transit. Mr. Wolf then introduced the honored guests. Among these were F. T. Mavis, Dean of the College of Engineering; Russell Allen, Associate Dean; Dean Emeritus S. S. Steinberg; J. B. Zatman, Director of University Relations; J. Logan Schutz, Director of Alumni Affairs; retired professors Donald Hennick, L. J. Hodgins, Wilbert Huff. Also present were department heads Charles Looney (C.E.), C. A. Shreeve (M.E.), and student leaders William Proffit (IEE), William Sangrey (Pi Tau Sigma), Warren Shinker (ASCE) and Jim Snyder (Tau Beta Pi).

Other alumni attending were Newell Anderson, Charles Armentrout, S. E. Asendorf, G. P. Baumgarten, Robert Baumgardner, J. Beckham, Robert Bissell, M. K. Blanchard, W. C. Booze, Ronald Britner, Denny Brown, George Burke, Harold Burns, David Carpenter, Ray Chapman, John Coburn, Jr., W. H. Collins, Carlos Cordero, John Darling, Joseph H. Deckman, Walter Durigg, John Dye, Ben Dyer, Raymond Eckert, Norman Ely, John Emler,

Joe Deckman, chef for a day.



ABOVE: Alumni relax at Hickory Hill's pasture fence. Left to right: unidentified, Carroll L. Rowny and Ray Chapman. ABOVE, RIGHT: Francis White and Bud Holm prepare for the "Engineer's Octathon"—an athletic spectacular. RIGHT: registration. BELOW: President Sy Wolf introduces guests (from left) Joshua Zatman, Dean F. T. Mavis, Dean S. S. Steinberg, Col. J. Logan Schutz, Professor Wilbert Huff and Dr. Charles T. Looney.





Dean Steinberg, Dean Mavis, Sy Wolf and Col. O. H. Saunders.



Hickory Hill CONTINUED

Harold Evans, Bernard Eyler, N. E. Felt, Jr., Elmer Freemire, R. H. Funke, Jr., Daniel L. Garber, Jr., William Gifford, Bob Ginnings, Melvin Glaeser, Jay V. Hall, Jr., Richard Hardie, Mathews Haspert, Charles Hayleck, Clifford Hilton, Bud Holm, William Hoover, Warner Hord, Jr., Kenneth Howard, John Hughes, Dock Jew, Charles Johnson, R. B. Jones, Harold Kelly, Jr., Harry E. Knight, John W. Knight, Frederick J. Kull, Paul Lanham, Alan Leaman, Emmett Loane, Hugh Lupien, Theodore A. Lupien, Jr., John Macomber, Robert Mallonee, Kenneth J. McAuliffe, Mike McCordic, George McGowan, W. R. Mentzer, Robert Morton, Ernest Mullinix, Benjamin Munroe, Thomas V. Murphy, Jr., Charles Nichols, George W. Norris, Jr., Vytautas Penkiunas, Fred Perkins, Benedict A. Pokrywka, Bill Reams, Ralph L. Rector, Dick Reed, Elmer H. Rehberger, Raymond F. Resta, Robert Rivello, Neil E. Roberts, Carroll L. Rowny, Seymour Ruff, Jeffrey Rumbaugh, Wesley Samosuk, M. Sampson, Gerard H. Schlimm, William L. Shook, Les Smith, Louis A. Spittel, Jr., John Stottlemyer, Bob Suchy, Ralph Tabler, Reeves Tilley, John E. Waldo, Chester S. Ward, Gordon Ward, P. A. Wedding, Charles Wenger, Russell L. Werneth, E. P. Williams, Milton H. Wills, Jr., Fred Witmer.

Others include Bob Evans, Mel Gray, Frank Picha, Pat Lanigan, Sy Wolf, Bob Reed, Dick Kisielewski, George Weber, John Macris, John Cournyn, Lou Tacchetti, Walt Aring, Francis White, Merrick Shawe, Gordon Robertson, Dave Murphy, Hank Marsh, Bob Blase, Eugene Roberts, Norris Hekimian, Louis Koschmeder, Ray Godman, Chuck Irish, John Mitton, Alvin Basford, Wesson Miller, Kiloh Knight, Andy Marriott, Bill Meyer, Jim Shook, J. W. Dulaney, Jim Clark, Gerald Fuller, John Rupp, W. P. Poole, Vance Browne, Bill Boyce, Alec Hedquist, Harry Burdick, Bob Ward, James Rand, Cliff Sayre, Roy Bowles, Arnold Korab, Dick Murdoch, Ed Shrewsbury, Fred Wallett, Bob King, Buz Hello, Ray Vass, John Buckley, Ward McElvany, Ed Howlin, Arthur Vossler, Bob Reese, Al Parulis and Bill Case.



Harold Kelly and Professor John Cournyn.



Host Ben Dyer with the lamp presented to him by the Engineering Board.





Maryland Girls

IN CASE IT HAS SLIPPED YOUR MIND, MARYLAND GIRLS are something very special. They look special. There is a freshness and a vibrancy to them. And they give a worn and jaded world a brightness and an innocence.

Each year the girls are prettier and smarter. Who said that beauty and brains are rarely combined? Almost without exception, girls selected by their fellow students as queens of one event or another rank in the top third of their class.

The girls you remembered when you were a student are still here. This year, and every year, they appear with the same shining, expectant eyes, the same grace, the same youthful spirit. Remember?

KAY DOBRONTE, Freshman Queen



RUTH HATFIELD, Greek Week Queen

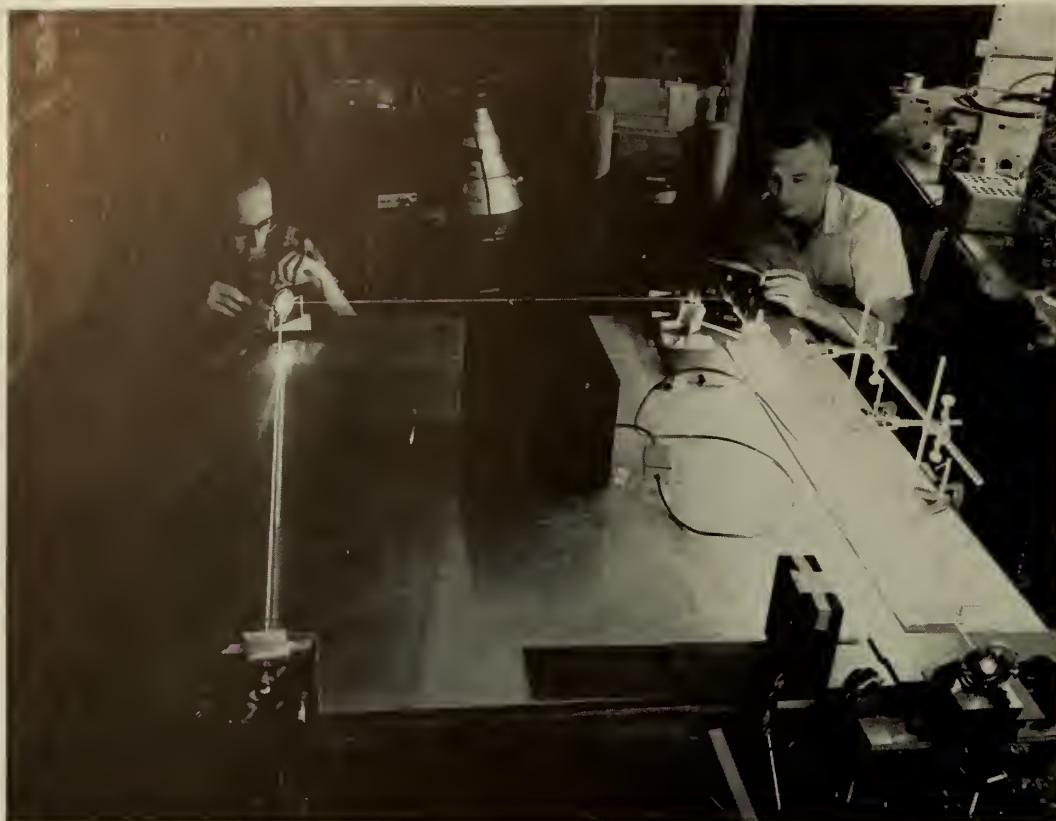
DOT WOOD, Sophomore Queen



JANICE NEGLER, Miss Maryland



What's New at the University?



Graduate students aligning a ring laser for studies of rotation sensing in Professor Carroll Alley's atomic physics quantum electronics group, department of physics.

These aerial views indicate the large areas which have been established for the parking of automobiles at College Park. Parking spaces now approximate 9,000 and constitute the largest number of such spaces available at any American university.





These new dormitory buildings are situated between Byrd Stadium and the University Golf Course. Easton Hall is in the upper left, Denton Hall in the lower left, Elkton Hall (under construction) in the right and Dining Room Number Four is located in the center.



Dr. Robert W. Krauss, Head of the Department of Botany, and Congressman Carl Elliott, Chairman of the House Committee of Government-Sponsored Research, discuss progress being made in the area of Microbial Physiology in the Plant Physiology Group at the University.





Coach Tom Nugent

Oyster Bowl Pep Rally

MARYLAND'S INVITATION TO PLAY North Carolina in the Annual Oyster Bowl Game started the wheels turning for an Alumni Pep Rally held in Virginia Beach, Virginia, the night before the game. The occasion was not only a pep rally for the game, but also an organizational meeting for the formation of an alumni club in the Norfolk area. A hundred enthusiastic alumni and friends attended the affair held at the Bay Harbour Club in Virginia Beach.

Tom Nugent, Head Football Coach of the University of Maryland, was the guest speaker of the evening. He presented and narrated a film of football highlights from Maryland's 1964 schedule. President Wilson H. Elkins was on hand to welcome the group. Greetings also were offered by Mrs. Erna R. Chapman, President of the Alumni Association, and Col. J. Logan Schutz, Director of Alumni Affairs.

After refreshments were served and Coach Nugent's presentation, a short business meeting was held to elect officers for the newly-formed club. Daniel Arris, BPA '57, was elected president; Philip J. Riede, BPA '54, vice president; Bartow Bridges, Jr., Agr. '53, secretary/treasurer. A Board of Directors will be elected at a later meeting of the club.

Along with congratulations on his election, Dan Arris gets a special thanks for coordinating and arranging the Alumni Rally activities. We cannot overlook the major contribution of Mr. and Mrs. Ed Phillips and Mrs. Arris who worked so hard behind the scenes. Mrs. Phillips is the former Mary Wu, Nurs '57; Mrs. Phillips is the former Mary Joyce Cosgrove, PE '56.

In addition to members of the University administrative staff and the football coaching staff, a number of Terrapin Club members attended the rally. Among the alumni from the general Norfolk area who attended were General and Mrs. Joseph C. Burger, A&S '25, Col. Martin J. Sexton, Educ. '41, Dr. James C. Davis, Dental '39, J. W. Miller, BPA '39, James B. Graham, Educ. '35, Robert Condon, BPA '42, Capt. and Mrs. Lawrence D. Conway, Jr., BPA '53, G. W. Chapman, BPA '64, Robert Molloy, Eng. '53, Sam Ludlum, Agr. '24, Mr. and Mrs. Richard Gossom, A&S '58-A&S '59, Bart Bridges, Agr. '53, and Philip Riede, BPA '55.

The performance of the football team the following day put the cap on the weekend as Maryland defeated North Carolina 10 to 9 in the Oyster Bowl.



Alumni, left to right: H. Burton Shipley, General Joseph Burger and Mrs. Shipley.



Col. Schutz and Daniel Arris, President of the new Norfolk Alumni Club, BPA '54.



President of the University of Maryland Alumni Association Erna R. Chapman; Dr. Wilson H. Elkins, President of the University; Mary Arris and Joy Phillips.

NORFOLK LEDGER-STAR





Tom Hickey



Jerry Fishman



Phil Denkevitz



Mike Cole

Inside Maryland Sports

by Bill Dismar
Director of Sports Information

STILL TINGLING FROM A FOOTBALL SEASON WHICH SAW THEIR Terps finish with three successive victories (two of them shutouts) for a 5-5 record, Maryland sports fans continue to dwell on several outstanding feats of the gridiron year despite the onrush of winter sports.

Sharing the individual spotlight was the most prominent of a predominantly-sophomore team, Tom "Bo" Hickey, 215-pound tailback from Stamford, Conn., who not only led Maryland's ground attack with a 4.9-yard average rush, but came within 10 yards of tying the all-time record for Terrapin ground-gainers. Hickey's net yardage—an amazing 894—was exceeded only by the 904 yards gained by Lou Gambino back in 1947.

In the limelight with Hickey was the junior Jerry Fishman who unselfishly gave up the glory of an offensive back to become an outstanding defensive star. Fishman, whose colorful gestures in inciting the defensive line were conspicuous in every game, not only was the talk of College Park but the entire Atlantic Coast Conference, as illustrated by his selection to the all-ACC team at the end of the season. Both will be among the 37 members of this year's squad who'll return next year to battle Penn State, Ohio University and Syracuse in the first three games (all at home) and then go on to meet Wake Forest, North Carolina, N. C. State, South Carolina, Navy, Clemson and Virginia.

Coach Bud Millikan's hopes were high as the basketball season got under way December 2 and well they should be. Ten lettermen were back from last year's squad and five promising sophs were up from a freshman team which lost only once in 16 starts. Two of the sophs were in the starting lineup against Penn State on December 2—Jay McMillen, 6-7 forward who led the yearlings in scoring last year with a 23.4 average, and Gary Williams, classy little 6-0 guard whom Millikan calls his fastest floorman. Juniors Gary Ward, Rick Wise and Neil Brayton completed the five which took the floor at the season's initial tap-off.

Don't forget the NCAA's regional playoffs will be at Cole Field House in March, being held the week following the

Atlantic Coast Conference tournament. Two years ago sellout crowds were present every night.

Coach Doyle Royal's soccer team, 8-2 for the regular season, put up a stiff fight in the first round of the NCAA playoffs at East Lansing, Michigan, only to lose a heart-breaking 1-0 decision when Michigan State scored with only four minutes to play. Although the Terp booters have yet to win a national championship in this sport, they've come close the last four years, and perennially are rated among the country's best.

The Carmichael Cup, symbolic of athletic supremacy in the Atlantic Coast Conference, could be headed back toward Maryland after one year's possession by North Carolina if early successes in the current scholastic year are indicative. The Terps are off to a good start with championships in soccer and cross-country and a tie for third place in football. Incidentally, Coach Jim Kehoe's thinclads broke North Carolina's four-year stranglehold on the cross-country title, winning it with 45 points compared to the Tar Heels' 72. Maryland's team was composed of George Henry, Don Wann, Mike George, Dick French and Milton Matthews.

Three football players and a lacrosse star were among those receiving top honors at the M Club's 14th annual awards banquet at Washington's Statler-Hilton December 5. Olaf Drozdov, Maryland's first three-sports star since Tommy Mont, was awarded the Guckeyson Trophy given to an outstanding athlete, scholar and gentleman who has participated in at least two sports. He was the unanimous choice of the university's coaches.

Dave Nardo, a graduate of last June and end on the '63 team, received the George C. Cook Memorial trophy as the team's best blocker. Larry Bagranoff, junior tackle this year, was awarded the James M. Tatum trophy as the top lineman of 1964.

Fred Betz, Maryland's All-America lacrosse midfielder last spring, was awarded the C. P. McCormick trophy given annually to the Baltimore area athlete who has contributed most to Maryland sports during his senior year.

The rest of this column was contributed by my two fine student assistants, Linn Hendershot and Bob Stumpff, who



Jim Pitt

write on their specialties—baseball, swimming and wrestling. Hendershot has managed Maryland's baseball team the past two years while Stumpff is in his second year of the same role with the wrestling team.

Here come the Terps! The 1964-65 edition of the Terp tankers features some of the most outstanding swimmers to come to Maryland in a long time.

Thirteen lettermen are featured on this year's team. They are Bill Doheny, Donald "Doc" Dunphy, James Green, John Harding, Eric Lampe, Thomas Manfredi, James McCaslin, William Nullmeyer, Raoul Rebillard, Robert Wimbrow, and James Williams.

Coach Bill Campbell considers this his strongest team in his eight years of coaching. Coach Campbell recently stated that he expects this year's team to rewrite the entire varsity record book.

One of the brightest spots in Maryland swimming is a young sophomore from Baltimore, Md., Phil Denkevitz. "I hope Phil continues to improve on his NCAA freshman record performance," said Coach Campbell, "If he does, we could be real tough." Phil set two NCAA freshman records last year when he swam the 50-yd. freestyle in 21.0 and the 100-yd. freestyle in 47.3.

Maryland, the ACC champion in 1964, looks to be one of the fine teams in the nation.

The 1964-65 President of the M-Club is one of the most outstanding athletes to come to the University of Maryland in a long time.

Mike Cole, a native of Hampton, Virginia and a senior, came to the University of Maryland in 1961. Since coming to the University, the slim broad jumper and sprinter has rewritten the record books. He is currently the IC4A and Atlantic Coast Conference Indoor and Outdoor Broad Jump Champion. He is also the University of Maryland and ACC recordholder in this event. Mike leaped 24'7" indoors and 24'7 $\frac{3}{4}$ " outdoors. He qualified for the Olympic final trials in the broad jump.

Besides being the M-Club President, Mike is a member of the American Society of Civil Engineers and a member of the executive council of Phi Delta Theta. He was the recipient of the Sportsmanship Award rewarded by the Prince George's Chamber of Commerce last year and the Talbot T. Speer Award that goes to the athlete who excels in leadership, scholarship and all-around ability.

"I like working with kids, and some day through coaching I might develop another Mantle." This was the response gotten from Jim Pitt, the University of Maryland's All-American centerfielder, when the slim blonde was asked why he was continuing at the University.

Pitt, a native of Dundalk, is a junior at the University of Maryland majoring in Physical Education with a minor in the Biological Sciences.

After completing the 1964 baseball season and setting a new Atlantic Coast Conference batting record of .460, the young Terp was faced with one of the biggest decisions of his life. Jim could either sign a major league contract or return to the A.C.C.

After much thought, the 5'9" outfielder signed a contract with the Minnesota Twins of the American Baseball League.

"I realize many ball players do not make the big leagues," said Pitt, "so I know I have to get that degree." Pitt stated that some day he would like to become a college coach. When asked what sport, he replied, "What else, baseball of course."

Jim will be at the University until the end of the first semester. He then leaves for the sun-filled skies of Florida. He is to report to the parent club, the Twins, at Melbourne, Florida.

Coach William E. "Sully" Krouse will take his 1964-65 Terrapin mat team to New London, Conn., on December 4-5 for the annual U. S. Coast Guard Academy Tournament. This will be Maryland's second appearance in this season opener for 16 of the Eastern wrestling teams.

Since the Terps will be lacking depth of previous Maryland teams with only 19 men on the varsity roster, injuries could play havoc with the makings of one of the best teams Coach Krouse has ever put on a mat. Spearheading the team will be returning lettermen Nelson Aurand-147, Olaf Dzordov-HVW, John Henderson-137, Buddy Hepfer-147, Bob Kopnisky-157, Gary Langer-130, Tom Norris-123, Tom Schleicher-123, and Amando Soto-167. Aurand, Henderson, Kopnisky, Schleicher, and Soto are also returning ACC Champs. Outstanding Sophomores from last year's undefeated freshmen team include Jim Arnoult-123, Milt Thomas-130, Kent Webster-137, and Bob Karch-177.

In addition, the Terrapins have a great schedule this year with conference foes Virginia and North Carolina State and perennial national powers Army, Navy, and Iowa State all visiting Cole Field House. And on the road the Terps have the Coast Guard Tourney, Pitt, Penn State, Duke, and North Carolina.

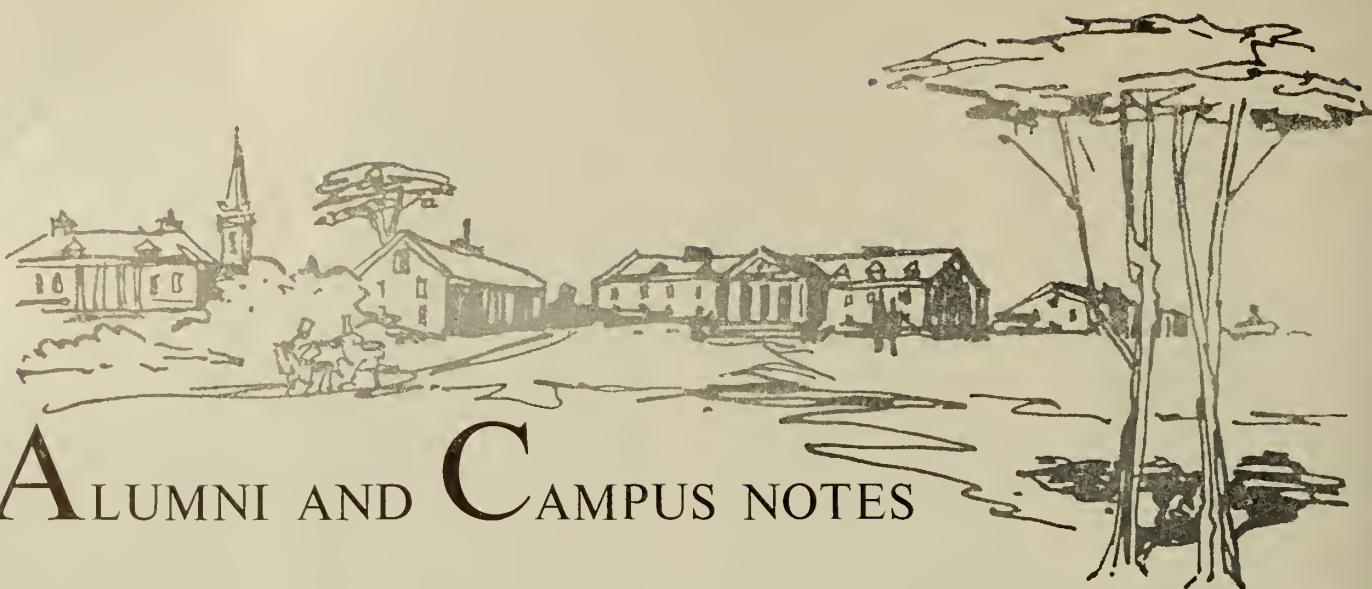
Iowa State, which last year finished third in the nation and had five All-Americans, should be the biggest drawing card. But the Terps put on their best show in history at the NCAA Tourney last year as they returned to College Park with three All-Americans (Bob Kopnisky-157, Tim Geiger-167, and Marshall Dauberman-177) out of four entered in the Tournament. They also finished ninth in the nation.

Dauberman is gone through graduation and Geiger won't be wrestling this year, but Kopnisky is back and as smooth as ever.

Maryland will be after its 12th ACC title on March 5-6, as it again hosts the conference tournament at Cole. Last year Maryland only claimed seven out of ten champs, but will be out for complete monopoly again this year. Only in the 1961 tourney did they enjoy this accomplished feat though.

Coach Sully Krouse has a 17-year conference record of 70 wins against 6 losses, and a winning streak of 59 conference meets in a row including the final nine dual meets in the Southern Conference. He has never had a losing season, with a 5-5-0 record in the first season of competition as a major varsity sport in 1947-48. He has also had 77 individual Atlantic Coast Conference Champions of a possible 98.

Freshmen coach Jim Sauve is starting his first year off with a real bang as he has not only the largest number of freshmen candidates but also the largest freshmen schedule ever before.



A ALUMNI AND CAMPUS NOTES

UNIVERSITY CALENDAR OF EVENTS

DECEMBER

20 Choir concert: "Messiah," Fague Springmann, conductor, Music Department

JANUARY

4 Basketball vs. North Carolina
9 Swimming vs. Pittsburgh
11 Student Recital, Music Department
12 Concert Band concert, Hubert Henderson and Acton Ostling, conductors, Music Department

13 Basketball vs. Navy
13 Piano recital, Kathleen Haley, Music Department
14 National Symphony Orchestra concert
16 Swimming vs. Navy
16 Wrestling vs. Iowa State

FEBRUARY

1 Swimming vs. Duke
2 Spring Semester begins
4 Engineering Alumni Dinner
5 Baltimore Alumni Club Oyster Roast

5 Swimming vs. V.M.I.
11 The Romeros: classical and flamenco guitarists
13 Wrestling vs. Navy
15 Swimming vs. South Carolina
16 Swimming vs. Clemson
17 Basketball vs. Virginia
18 University Chamber Orchestra concert
23 Basketball vs. Duks
25 National Symphony Orchestra concert
25 A.A.C. Swim Meet
26 Basketball vs. Clemson
27 Basketball vs. South Carolina

Alumnus Gives Recreation Area to City Children

One of New York's leading landlords, Samuel J. Lefrak, BPA '40, was honored for having provided his tenants with a baseball field and other recreational facilities in Lefrak City, 40-acre apartment community in Forest Hills, Queens.

Mr. Lefrak, who heads the Lefrak Organization, received a trophy from a committee of youngsters and parents representing the several hundred members that make up the Lefrak City Boys' Baseball League.

The delegation expressed appreciation to their landlord for having had the foresight to include in the city-within-a-city a four-acre baseball diamond, as well as basketball and tennis courts, swimming pools, ice skating, roller skating, playgrounds and other recreational facilities. The ball field is used for foot-

ball and soccer in the fall and spring months.

Ted Kaback, general manager of the Lefrak City Boys' Baseball League, said, "Mr. Lefrak exemplifies the true sportsman who believes in providing the kind of recreational facilities that will not only keep our youngsters in good physical condition but involved in a program of wholesome sports activities."

Mr. Lefrak, who was on the track and field team of the University of Maryland, races thoroughbreds under the blue and orange colors of his Maryland Farm Stable. He is a great booster of the New York Mets and has expressed the hope that Lefrak City is nurturing a future baseball great who will some day bring glory to his favorite team.

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HEC Alumni Meet

The Board of the College of Home Economics Chapter of the University of Maryland Alumni Association held their fall meeting Friday evening, October 16, at the home of Dr. Selma Lippeatt, Dean of the College of Home Economics.

Officers serving for 1964-65 are: Miss Margaret T. Loar, '41, Chairman; Mrs. Doris Thompson Terry, '43, Vice Chairman; Mrs. Paula Snyder Nalley, '39, Secretary; Mrs. Catherine Cockran Baxter, '45, Treasurer; Mrs. Betty Rodgerick Bures, '57, Corresponding Secretary; Mrs. Mary Charlotte Farmington Chaney, '42, Executive Secretary and Historian. Ex-officio members include the immediate Past President, Mrs. Mary W. Davis, '55, and Dean Selma Lippeatt.

Reports of the June and September Alumni Council meetings were given by Mrs. Terry and Mrs. Nalley. Other representatives of the Board are: Miss Loar, and Alternate Mrs. Erna Reidel Chapman, '34, who is also President of the University of Maryland Alumni Association, 1964-65. Those serving on Alumni Council Committees are Mrs. Terry, Alumni-Student-Faculty Relations; Mrs. Nalley, Special Events and Projects; and Miss Loar, Publications and Publicity.

Other elected members of the Board are: Mrs. Virginia Van Derwerker Pace, '53; Mrs. Naney Simmons Kenny, '48; Mrs. Virginia Orser Righter, '57; Mrs. Dessie Buser Moxley, '59; and Mrs. Barbara Dodd Hillerman, '56.

Two special projects of the Board are: to interest more graduates of the College of Home Economics in the welfare of their College and in their Alumni Association Chapter; to sell stationery with a beautiful line drawing of Margaret Brent Hall (see advertisement in this issue of *The Maryland Magazine*).

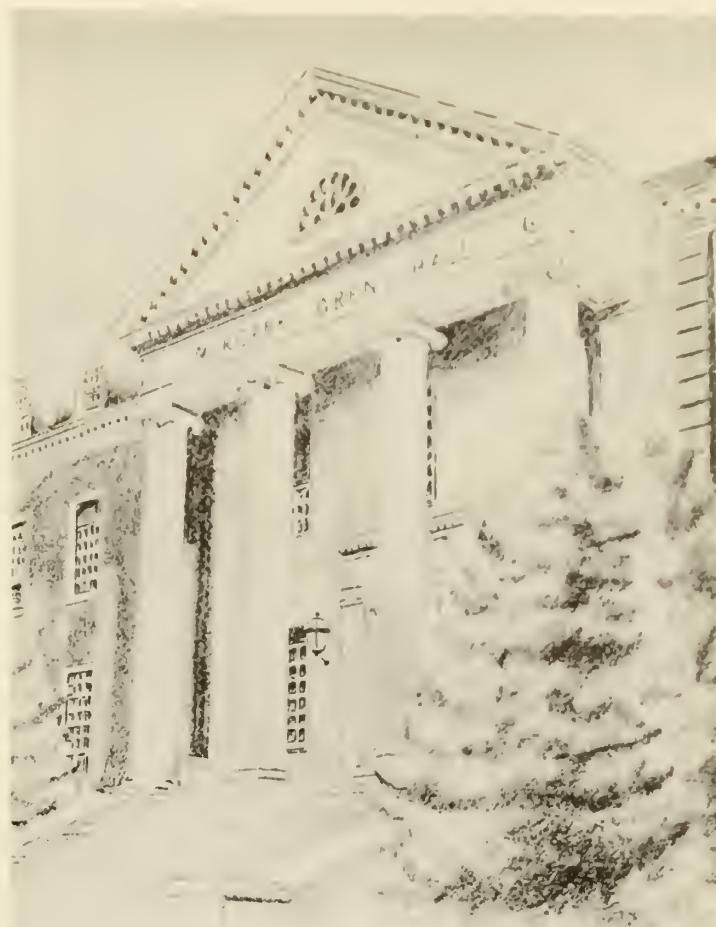
The Annual Spring Meeting of this Chapter will be held May 15, 1965, in Margaret Brent Hall and Alumni Members are encouraged to mark this date on their calendar and plan to attend.

Alumni Clubs See Musical

Two alumni clubs had the opportunity to preview the student production of Cole Porter's musical, "Anything Goes," which was chosen by the American Education Association and the USO for a two-month tour of military bases in Germany.

The Montgomery County Alumni Club sponsored a theater party in October. The Baltimore Alumni Club sponsored a production of the show in Baltimore in November.

The musical production, under the direction of Dr. Rudolph Pugliese, Associate Professor of Speech and Dramatic Arts, has a cast of 17.



College of Home Economics, University of Maryland

ALUMNI STATIONERY AVAILABLE

This handsome stationery is now available to Maryland alumni. This is French-fold note paper, printed on a soft ivory stock. The illustration above shows the actual size. The line drawing of Margaret Brent Hall was drawn by Robert J. Dentz, a member of the faculty of the College. The stationery is being sold exclusively by College of Home Economics Alumni Chapter. The price is \$1 per package of 12, with envelopes.

Order now. Complete the order blank below and send to the University of Maryland Alumni Association, Administration Building, University of Maryland, College Park, Maryland 20742.

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Alumnus Writes Stamp Article

Robert N. Pritchard, LL.B. '47, realtor of Aurora, Illinois, has recently published an article, "Stamps: Real Estate Promotion and Relaxing Hobby for Realtors," in the nationally circulated *Realtor's Headlines*. The article advocates the use of philately—the science and study of stamps—as a promotion device in real estate. Pritchard, an enthusiastic philatelist, said that commemorative stamps which feature famous homes can cause a desire for home ownership.

Philately is the largest organized hobby and more publications are devoted to philately than any other hobby, Pritchard said. This popularity is due to many factors, such as the variety, investment, and enjoyment in collections felt by most collectors. The monetary value of many items has brought investors into the field.

Pritchard, one time championship tennis player, has written several articles for stamp publications and has won a number of international awards for his entries at stamp exhibitions throughout the world.

Alumnus Returns as Student and Finds Transformation and Challenge

"HOW DOES IT FEEL TO TRAVEL ON (almost) the same footpaths you used twenty-three years ago?" Catherine McCarron, B.S. '41, says, "At first I felt a little like Rip Van Winkle might have, but now that the adjustment is over, I'm enjoying everything tremendously—the mental stimulation, the associations and the academic atmosphere."

Miss McCarron returned last spring to earn her master's degree in home economics after serving her profession for eighteen years as a home economist for electric utilities in Southern Maryland and Virginia.

During her career she became a member of the American Home Economics Association and its Washington branch, and was elected Chairman of the District of Columbia Home Economists in the Business section of that organization.

A fifth generation Washingtonian, her other affiliations are Alpha Delta Pi, the Columbia Historical Society, and the University Women's Club. She was selected for inclusion in the 1964-65 edition of *Who's Who of American Women*.

Most alumni realize the many changes that have occurred at the University since the pre-war period. However, Catherine insists only one who lived as a student among 3,500 and then re-

Homemakers Leave for Honolulu

Sixty-six Maryland homemakers escorted by ten husbands will jet from Baltimore's Friendship International Airport to Honolulu, Hawaii, to the annual National Extension Homemakers' Council Meeting.

They and 2,800 others from the Mainland will "join hands in fellowship and education with sisters of this youngest state." Their theme is "Today's Home Builds Tomorrow's World."

Accompanied by Miss Margaret Loar, HE '41, acting state leader, Extension Home Economics, University of Maryland, and President of the Home Economics Alumni Board, the Free State delegation from 12 counties and Baltimore City will hear speakers from government and educational institutions, and attend workshops on international relations, civil defense, citizenship, family life, safety, health, and publicity.

The women are representatives of the Maryland State Council of Homemakers' Clubs, which works with the Maryland Cooperative Extension Service to glean the latest research and information on consumer, family, and community problems.

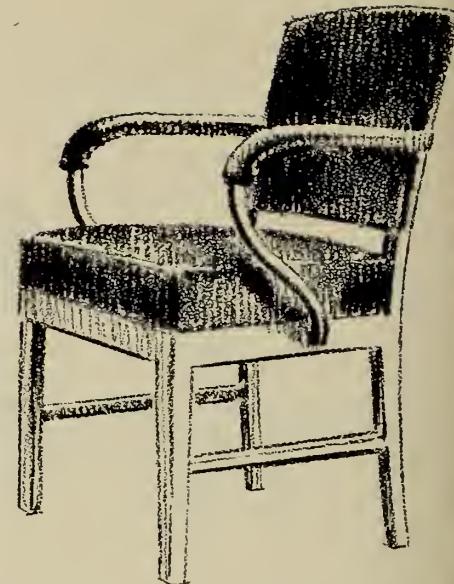
Alumnus Returns as Student and Finds Transformation and Challenge

turned to confront 23,000 has experienced the real transformation.

One of the more vivid incidents she tells about concerns the day she saw an announcement in the student newspaper, *The Diamondback*, inviting all to hear about the "Characteristics of the Maryland Student." New on the campus, she thought this might be a valuable short-cut to getting to know the 1964 student body. She arrived at the appointed room early, and was surprised to see so many mature people pursuing their education.

Finally the meeting was called to order, and after the minutes from the last session were read, she whispered—slightly panicky—to her seat companion, "Is this a meeting of the Faculty Club?" The answer came back, "No, it's the American Association of University Professors." Catherine feels the "togetherness" movement has spread from the home to the university world.

When asked if she had any advice for her colleagues and contemporaries who might be interested in continuing their education, Miss McCarron said that most of all they needed reassurance. She said the initial shock passes quickly; the challenge is exciting and, best of all, mature students feel qualified to start a brand new career (and a new life) at a time when too many people feel their best years have passed.



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Through The Years

EDITOR'S NOTE: The success of "Through The Years" is dependent upon your contribution of newsworthy items — information concerning yourself or your alumni friends. We earnestly solicit your assistance in this endeavor. Send information to the Alumni Office, College Park, Maryland.

1920-1929

DR. CHARLES HAROLD HOWE, M.S. '23, who was Dean of the Graduate School at Kansas State University, will become Dean of the Graduate School at St. Louis University, St. Louis, Mo.

W. DAVID R. STRAUGHN, a graduate student at U. of M. 1925-1928, assistant to the marketing directors in the Textile Fibers Department, will retire at the end of the month after 35 years with the Du Pont Company. Mr. Straughn joined Du Pont in 1929 as a research chemist in the Technical Division at Buffalo, N. Y. Subsequently he was assigned to cellophane and was supervisor of cellophane research at Buffalo before being transferred to Wilmington in 1941 to do technical development work in connection with viscose process rayon. Two years later Mr. Straughn was made manager of staple fiber sales in the Rayon Division and became manager of tire yarn sales in 1944. He was made district sales manager of the Rayon Division at Providence, R. I., in 1947 and was transferred to the Acetate Division in Wilmington in 1949 as manager of the technical service section for acetate and "Orlon" acrylic fiber. Mr. Straughn was born at Snow Hill, Md. He received a B.S. degree in chemistry at Washington College in 1921 and did his graduate work in physical and organic chemistry at University of Maryland from 1925-28.

BEN DYER, Engr. '29, has been elected president of the Potomac Chapter of the Maryland Society of Professional Engineers. He is president of Ben Dyer Associates, Inc., Riverdale, Md., and is a partner of Werner-Dyer & Associates.

1930-1939

CHARLES H. BERRY, Engr. '34 and Edue. '37, has been appointed Vice President of General Precision, Inc., and assigned as Corporate Manager of the company's Washington, D. C., office. Mr. Berry formerly was special assist-

ant to the president of General Precision's Aerospace Group, Little Falls, New Jersey. Mr. Berry has over 21 years' experience in the aerospace and avionics industries and has served in various management and marketing capacities with General Precision for over eleven years. A native of Maryland, he holds memberships in the American Ordnance Association, the Institute of Electrical and Electronic Engineers and the Aerospace Industries Association. A resident of Ridgewood, New Jersey, Mr. Berry will be moving his home to Washington, D. C.

DAVID C. HOLLY, M.A. '39, has been added to The American University faculty for the 1964-65 academic year. Commander Holly, prior to his association with AU, served with the Office of Naval Intelligence where he headed the national intelligence estimates section. He also served as naval attache to the U. S. Embassy in London, and as executive officer of the U.S.S. Telfair, a Navy troop transport. The Commander, a native of Philadelphia, received his Ph.D. from AU this past June. He earned his B.S. at Johns Hopkins University in 1938 and his M.A. from the University of Maryland in 1939. From 1951 to 1953 he taught chemistry at the Naval Academy in Annapolis.

WALTER L. MILLER, JR., A&S '39, has been awarded a M-EDC degree by East Texas State College.

1940-1949

DR. LEONARD T. KURLAND, Med. '45, has been appointed to the staff of the Mayo Clinic, Rochester, Minnesota, as head of the section of Biometry and

Medical Statistics. Dr. Kurland entered the Mayo Graduate School of Medicine in 1952 as a fellow in neurology and served as a research associate in Biostatistics from 1953 to 1955. For the past 9 years Dr. Kurland has been with the U. S. Public Health Service.

1950-1959

DR. GEORGE S. BUNTING, Agr. '50 and a member of Alpha Tau Omega, was married on June 6, 1964, to Miss Alida Ortiz-Santamayor of Mayaguez, Puerto Rico, in Sage Chapel at Cornell University. Dr. Bunting is Assistant Professor of Botany at the H. Bailey Horatorium, Cornell University. His wife is a graduate student working for her doctorate in Botany.

MAJOR WILLIAM P. BURG, P. E. '50, has graduated from the flying training course for U. S. Air Force C-124 transport pilots at Tinker AFB, Okla. Major Burg, now qualified for aircrew duty on the four-engine Globemaster, is being assigned to Hickam A.F.B., Hawaii. His unit supports the Military Air Transport Service mission of providing global airlift of U. S. military forces and equipment.

The promotion of **ROBERT T. FRISA, A&S '50**, to Regional Sales Manager of Roche Laboratories, Hoffmann-La Roche, Inc. Mr. Frisa's new responsibilities will cover a region of 11 southern and southwestern states, although he will be headquartered in Nutley, New Jersey. Mr. and Mrs. Frisa and their four daughters reside at 315 Plantation Drive, Cinnaminson, N. J.

LT. COL. ELLIS B. MCCLINTICK, UC '50, was a summer graduate from the Air War College, the U. S. Air Force's



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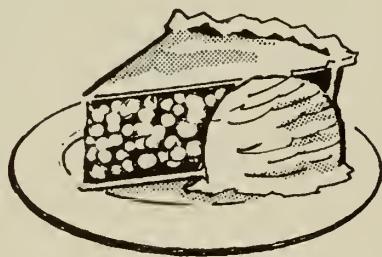
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senior professional school, at the Air University, Maxwell A.F.B., Ala. Doctor Edward L. Katzenbach, Jr., deputy assistant, Secretary of Defense for Education, addressed the graduates as they marked the end of 10 months of intensive study. The university-level course provides senior officers a better understanding of the elements of national power and aerospace resources, preparing the graduates for higher level command and staff positions. Colonel McClintick is being reassigned to the Strategic Air Command's (SAC) 28th Bomb Wing at Ellsworth A.F.B., S. D., as a staff officer.

The Transportation Association of America has announced the promotion of FRANK A. SMITH, BPA '50, to vice president-research. Mr. Smith has been the association's director of research for nine years, a field in which he will continue. A native of Washington, he is a graduate of the University of Maryland. He is a member of the American Economic Association and active in the Naval Reserve. Prior to joining the association, he was with the United States Chamber of Commerce.

CAPTAIN CHARLES B. FYOCK, Engr. '51, graduated recently from the U. S. Air Force Command and Staff College at the Air University, Maxwell A.F.B., Ala. The captain, a graduate of McKinley Technical High School, Washington, D. C., received B.S. and M.E. degrees from the University of Maryland.

WALTER M. PRICHARD, BPA '51, former procurement manager for Atlantic Research Corp., has been named to head a new materials management department for Atlantic's principal laboratories in Alexandria, Va. The new department will consolidate the principal laboratories procurement department, the government property office and the shipping and receiving activities.

MAJOR ROLF S. SCOVELL, UC '51, is a member of the 329th Fighter Interceptor Squadron at George A.F.B., Calif., which won the coveted Hughes Trophy as the most outstanding fighter interceptor unit in the U. S. Air Force. Major Scovell is an aircraft maintenance officer with the Air Defense Command's (ADC) F-106 Delta Dart unit which was selected by USAF for outstanding achievement in operational readiness, weapons reliability, intercept capability and flying safety. His squadron supports the ADC mission of guarding the continental U. S. against enemy air attack. The Hughes Trophy was established in 1952 by USAF and the aviation industry to stimulate unit pride and competitive spirit among interceptor squadrons engaged in air defense.

CAPTAIN WILLIAM G. BASTEDO, UC '52, was a recent graduate from the U. S. Air Force Command and Staff College at the Air University, Maxwell A.F.B., Ala. The captain is a member of Delta Tau Delta.

CAPTAIN ROBERT A. HARRINGTON, Agr. '52, recently graduated from the Air Force Institute of Technology's School of Systems and Logistics at Wright-Patterson A.F.B., Ohio. Captain Harrington, who received his M.S. degree in logistics management, is being reassigned to the Pentagon in Washington, D. C. The captain received his commission upon completion of the Reserve Officer Training Corps program at the University of Maryland.

JACK SARGENT, M.S. '52, Electrical Engineering, was Control System Technical Officer for the Nimbus Weather Satellite recently launched from the Pacific Missile Range in California by the

National Aeronautics and Space Administration's Goddard Space Flight Center in Greenbelt, Md. He provided technical direction to the sub-contractor for the design, construction and testing of the

Nimbus Control System. It was also his responsibility to evaluate and pass judgment on technical data to make sure that the system met with requirements. During the integration and final testing of this system, he acted as a consultant.

CAPTAIN GILBERT E. SHORTT, A&S '52, and a member of Phi Kappa Tau, recently graduated from the U. S. Air Force Command and Staff College at the Air University, Maxwell A.F.B., Ala.

JOHN H. OREM, Agr. '53, has been appointed a market specialist in Monsanto Company's Organic Chemicals Division, St. Louis, Mo., after serving as a senior sales representative in the division's New York district.

CAPTAIN DONALD W. STULTZ, Engr. '53, has completed a special management course at the Air Force Institute of Technology's (AFIT) Systems and Logistics School at Wright-Patterson A.F.B., Ohio. Captain Stultz received advanced training in the techniques used in program management of Air Force weapon and support systems. The captain is returning to Norton A.F.B., Calif., where he is a development engineering officer in a unit that supports the Air Force Systems mission of research, development and testing of Air Force planes and missile systems.

WILLIAM J. BURNS, Mil. Sci. '54, has been appointed an executive vice president of Tri-State Motor Transit Co., motor carrier of ammunition, explosives, missiles and radioactive materials. He will be in charge of traffic and sales for the company's Eastern Division. Since 1953 Burns has been managing director of the Munitions Carriers Conference and general manager of the Movers

Conference of America. He is chairman of the board of the Washington Chapter of the National Defense Transportation Association and is vice president of the Traffic Club of Washington.

CAPTAIN HENRY L. COLOMB, BPA '54, is in the field with U. S. Air Force Tactical Air Command (TAC) units now engaged in Exercise Desert Strike being conducted by the U. S. Strike Command. The captain, permanently assigned to England A.F.B., La., received his B.S. degree from the University of Maryland.

CAPTAIN WILLIAM R. KENTY, A&S '54, is in the field with U. S. Air Force Tactical Air Command (TAC) units now engaged in Exercise Desert Strike being conducted by the U. S. Strike Command. The realistic combat operation is the largest joint air-ground training maneuver in the southwest since World War II. Captain Kenty, a tactical fighter pilot, and other members of TAC's jet fighter, reconnaissance, air assault and support units are providing firepower and other tactical air support for the U. S. Army battlefield troops participating. The exercise will run through May 30 on 13,000,000 acres of desert land in California, Arizona and Nevada. Major elements of the Military Air Transport Service and Air Force Communications Service, plus Strategic Air Command jet aerial refueling tankers, also are providing airpower needed in the combat maneuver. The captain, permanently assigned to Cannon A.F.B., N. M., is a member of Sigma Chi.

October 15 was the last day for Miss ELDORA E. KESKE, Educ. '54, to head the International Farm Youth Exchange (IFYE) program of the National 4-H Club Foundation. After three years with the organization, she is returning to her home state and to her previous position as assistant state 4-H leader with the University of Wisconsin Agricultural Extension Service at Madison. Miss Keske has been acting program leader of the exchange program since early this year. Previously, she was associate program leader and chief liaison between the 4-H Foundation and the state IFYE program leaders.

COLONEL LOUIS MILLER, JR., B.S., Mil. Sci. '54, has assumed the position of deputy commander for a U. S. Air Force support wing at Misawa A.B., Japan

Colonel Miller served at San Antonio prior to his appointment at Misawa. The colonel, who has 24 years military duty, was commissioned in 1942 upon completion of Officer Candidate School. He

served in the China-Burma-India Theater of Operations during World War II.



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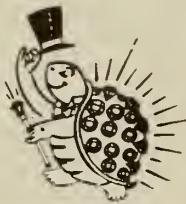
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Colonel Miller attended the University of Maryland and the University of Colorado. He has B.S. and M.S. degrees.

MOE SCHNEEBAUm, M.S. and A&S '54, a native of Brooklyn, New York, was Spacecraft Manager for the Nimbus Weather Satellite recently launched from the Pacific Missile Range in California by the National Aeronautics and Space Administration's Goddard Space Flight Center in Greenbelt, Md. He was responsible for developing and integrating the cameras, controls and the Pulse Code Modulation (PCM) command system into the spacecraft. Mr. SchneebauM received his B.S. degree in physics from the College of Cay in 1947 and his Master's degree in physics in 1954 from the University of Maryland. Prior to joining Goddard in August 1960, he worked for the Naval Weapons Plant. He lives in the Washington, D. C., area with his wife and two children.

RAY B. SITTON, Mil. Sci. '54, has been promoted to colonel in the U. S. Air Force at Offutt A.F.B., Neb. Colonel Sitton is chief of the operations and training branch in a unit that supports the Strategic Air Command mission of keeping the nation's intercontinental missiles and jet bombers on constant alert. The colonel was commissioned through the aviation cadet program.

CONRAD S. POSEY, BPA '55, manager of the Foreign Shipping Department of the Security Storage Co. of Washington, has been appointed assistant vice president. He joined the company in 1955 and has been with it since, except for three years of military service.

COLONEL CYRIL J. REAP, Mil. Sci. '55, of Dunmore, Pa., has arrived for duty with a unit of the Air Photographic and Charting Service (APCS), a major sub-command of the Military Air Transport Service, at Turner A.F.B., Ga. Colonel Reap, deputy commander for materiel in the 1370th Photo-Mapping Wing at Turner, previously served at Hunter A.F.B., Ga. His new unit supports the APCS mission of providing documentary photographic services for Air Force units around the world. The colonel received his commission in 1941 upon completion of the Air Force Reserve Officer Training Corps program at the University of Maryland. He received his B.S. degree from the university.

T/S WILLIAM G. RICHARDSON, Mil. Sci. '55, has completed the special U. S. Air Force recruiter course at Lackland A.F.B., Tex. Sergeant Richardson, whose previous assignment was at the Air Force Reserve Officer Training Corps unit at the University of Maryland in College Park, was selected for the special assignment as a volunteer with an outstanding military record. The sergeant was trained in 11 areas of study, including the Air Force job classification system, testing procedures and community relations to broaden his

qualifications for presenting the facts of Air Force career opportunities to young men and women.

BRUCE WHITE, Educ. '55, art supervisor at University School who spent the summer teaching studio painting and sculpture in the Institute of Creative and Performing Arts, Adelphi University, Garden City, N. Y., was twice represented at the New York World Fair. A bronze sculpture of White's was shown in the art exhibit, "Long Island Art Today," which was first shown in the Pavilion of Fine Arts at the fair, with a second showing at Adelphi University. White was also commissioned to execute a relief sculpture for General Cigar Company which is now displayed on the exterior of the White Owl Cigar Pavilion at the fair. White, a 1955 graduate of the University of Maryland, obtained the M.A. degree the following year from Columbia University. Before coming to SIU in 1962, he had taught at Adelphi University, Long Island, and in the Garden City (N. Y.) public schools.

W. RONALD GALLOWAY, A&S '56, has recently been promoted to Supervising Underwriter in the Baltimore Service Office of Insurance by North America. He joined INA as a Student Underwriter in 1957.

CAPTAIN ROBERT E. GRUTZIK, A&S '56, has arrived for duty with a Military Air Transport Service (MATS) unit at Scott A.F.B., Ill. Captain Grutzik, a navigator, previously served at McGuire A.F.B., N. J. His new unit supports the MATS mission of providing global airlift of U. S. military forces and equipment. He is a member of Theta Chi.

ABDOLAH HENDIFAR, A&S '56, has been named instructor in chemistry at Temple University's Ambler Campus. He holds a B.A. degree from the University of Maryland and a M.S. degree from Drexel Institute of Technology. Hendifar is currently working on his Doctor of Philosophy degree at Bryn Mawr College. He taught at Drexel for two years before coming to Temple to teach. He makes his home at 155 Lowrys Lane, Rosemont, Pa.

LT. COL. MARK W. MAGNAN, Mil. Sci. '56, of St. Petersburg, Fla., succeeds Col. Jean K. Woodyard of Newark, Ohio, as senior Air Force representative to the Infantry School July 27. Col. Woodyard has been assigned as air liaison officer for the 2nd Air Division in South Viet-Nam. Duties of the Air Force representative at Fort Benning include advising the Infantry School on Air Force matters. He also conducts classes pertaining to Air Force doctrine, capabilities and operations. During World War II, he flew B-17's in London and in the Pacific Theatre. His other overseas duty includes a tour at Whitehorse, Yukon Territory, from 1947 to 1949; Goosebay, Labrador, 1953 to 1955 and with the United Nation Command in Korea, 1959-1960. The colonel received

a B.S. degree from the University of Maryland and a M.A. from George Washington University. Among his decorations and awards are the Distinguished Flying Cross, Air Medal with four Oak Leaf Clusters, and the Army and Air Force Commendation Medal.

ALLEN A. MEYER, JR., LL.B. '56, has joined National Distillers and Chemical Corporation as chief patent counsel. Mr. Meyer comes to National from the

patent department of International Business Machines Corporation. Previously he had been associated with two patent law firms and with a pharmaceutical company in patent work. He holds a

degree from the University of Maryland Law School and a degree in chemistry from Northwestern University. Mr. Meyer is a member of the Association of the Bar of the City of New York, the International Patent, Trademark and Copyright Association, the American Patent Law Association, the New York Patent Law Association, and the American Bar Association. Mr. Meyer lives in Chappaqua, N. Y., with his wife and four children.

CAPTAIN STANLEY J. POLYANSKI, BPA '56, has graduated from the Air Force Institute of Technology's School of Systems and Logistics at Wright-Patterson A.F.B., Ohio. Captain Polyanski, who received his M.S. degree in logistics management, is remaining at Wright-Patterson for assignment to Headquarters, Air Force Logistics Command (AFLC). His new headquarters directs the AFLC mission of providing Air Force operational units with supplies, equipment and maintenance services. The captain received his commission in 1956 upon completion of the Reserve Officer Training Corps program. He is a member of Lambda Chi Alpha.

DR. CARL L. HEIFETZ, Pharm. '57, M.A. '60, Ph.D. '64, recently joined Parke, Davis & Company as an associate research bacteriologist. A former resident of Baltimore, Md., Dr. Heifetz holds B.S., M.S., and Ph.D. degrees from the University of Maryland. He is a member of the American Society for Microbiology. Prior to joining Parke-Davis he was employed in retail pharmacy, and by the University of Maryland Pharmacy and Dental Schools.

DAVID G. KISSINGER, PH.D. '57, of Atlantic Union College, South Lancaster, Mass., has just published a book entitled *The Curculionidae of America North of Mexico*. This book is a key for the identification of the various groups of weevils. It is estimated that there are 35,000 species of weevils.



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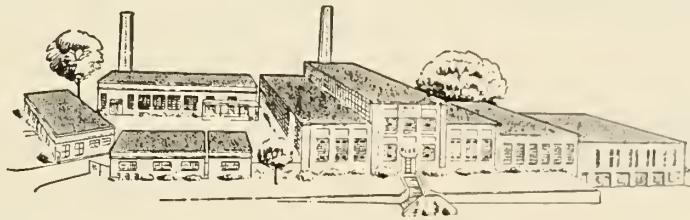
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Dr. Kissinger received his Ph.D. at the University of Maryland.

COLONEL ELMER C. LAEDTKE, UC '57, graduated June 5 from the Air War College, the U. S. Air Force's senior professional school, at the Air University, Maxwell A.F.B., Ala. Colonel Laedtke is being reassigned to Headquarters, Air Force Communications Service at Scott A.F.B., Ill., for duty as a staff officer. He also completed partial requirements for a M.A. degree in international affairs at the Air University extension center of George Washington University while attending the Air War College.

CWO ROYAL YATES, UC '57, is a member of the U. S. Air Force Tactical Air Command (TAC) forces now taking part in Exercise Indian River being conducted at the Tactical Air Warfare Center, Eglin A.F.B., Fla. The exercise involves a series of special joint air-ground operations to test concepts of tactical air mobility and firepower for battlefield support of ground troops. TAC fighter, reconnaissance and troop carrier aircraft are being used. Mr. Yates is an administrative officer. He was selected for assignment to the Tactical Air Warfare Center to assist in staging the exercise which continued into early September. The 24-year veteran served during World War II and the Korean conflict. A graduate of Lebanon (Va.) High School, he attended Johnson City (Tenn.) Business Col-

lege and received his B.S. degree in military science from the University of Maryland.

JOSEPH E. BADEN, BPA '58, a native of Brandywine, Md., is a financial analyst on the Project Staff for the Nimbus Weather Satellite recently launched from the Pacific Missile Range in California by the National Aeronautics and Space Administration's Goddard Space Flight Center in Greenbelt, Md. It was his responsibility to help plan and control the Nimbus Project budget by making pricing and cost analysis. Prior to joining Goddard in October 1963, Baden worked for the Litton Industries. He resides in Hyattsville, Md. with his wife and three children.

CAPTAIN RONALD K. HUNT, BPA '58, has arrived for duty with a unit of the U. S. Air Forces in Europe (USAFE) at Bentwaters R.A.F. Station, England. Captain Hunt, a pilot, previously served at Laredo A.F.B., Tex. His new unit supports the USAFE mission of providing the major air contribution for defense of the NATO countries. The captain is a member of Delta Tau Delta.

LTC. COL. FRANCIS P. SANNA, UC '58, received the first oak leaf cluster to the U. S. Air Force Commendation Medal at Ramstein A.B., Germany. Colonel Sanna was awarded the medal for meritorious service as chief of the war plans branch, Seventeenth Air Force Logistics Command (AFLC) at Wright-Patterson A.F.B., Ohio, as a logistics officer. AFLC provides Air Force operational units with supplies, equipment and maintenance services. The colonel, a graduate of New Canaan High School, earned his B.S. degree from the University of Maryland. He received his commission in 1942 upon completion of Officer Candidate School.

MAJOR DONALD B. WREN, B.S., Mil. Sci. '58, has arrived for duty with a unit of the Headquarters Command (HQCOMD) at Bolling A.F.B., Washington, D. C. Major Wren, a personnel staff officer, previously served at Norton A.F.B., Calif. HQCOMD provides logistical and administrative support to USAF Headquarters. The major, a graduate of Concordia (Kan.) High School, received his B.S. degree from the University of Maryland. He received his commission through the aviation cadet program.

V. ALLEN BANDEL, Agr. '59 and M. AGR. '62, has been appointed assistant professor in the Agronomy Department at the University of Maryland. Mr. Bandel will do extension work in soils and will conduct research in the area of soil fertility. He will also be in charge of the state-wide testing laboratory at College Park. Mr. Bandel is a native of Maryland was reared on a dairy farm in Howard County. He graduated with honors from the College of Agriculture and for his outstanding work in Agronomy he was the recipient of the Ameri-

can Society of Agronomy Student Award. In 1962 he received the Soil Science Society of America Blue Ribbon Award for excellence of presentation of a research paper entitled "The Effects of Potassium on Root Anatomy of Alfalfa in Relation to Winter Hardiness." In addition to his research work on winter hardiness in alfalfa, Mr. Bandel has conducted research on the nutrient requirements of orchardgrass. He is a member of Sigma Xi, Alpha Zeta, The American Society of Agronomy and the Soil Science Society of America.

T/S LEON E. FARRELL, CSCS '59, has been decorated with the U. S. Air Force Commendation Medal during his retirement ceremonies at Bolling A.F.B., Washington, D. C. Sergeant Farrell was awarded the medal for meritorious service as an education supervisor with a Headquarters Command unit at Bolling prior to his retirement. The sergeant, who has more than 20 years of service, is a veteran of both World War II and the Korean conflict. A graduate of East Corinth (Maine) Academy, Sergeant Farrell received his B.S. degree in military affairs from the University of Maryland.

CAPTAIN WALLACE W. ELWOOD, UC '59, was decorated with the U. S. Air Force Commendation Medal at Holloman, N. M., upon his retirement after more than 24 years of service. Captain Elwood, who also received the accompanying certificate to the medal and his retirement certificate at the ceremony, was awarded the medal for his meritorious service. He was commander of the Headquarters Squadron, 366th Tactical Fighter Wing, at Holloman, prior to his retirement. He is a veteran of World War II and the Korean conflict. The captain was commissioned in 1951 by direct appointment. A graduate of Downsville (N. Y.) High School, he attended the University of Maryland and Blackstone School of Law, Chicago. Captain Elwood holds B.S. and LL.B. degrees. He and his family plan to make their home at El Paso, Tex.

DR. RICHARD G. HOLROYD, B.A. '58, M.A. '59, has been appointed to the staff of the Mayo Clinic, Rochester, Minn., as a consulting clinical psychologist. Dr. Holroyd completed a residency at the Mayo Graduate School of Medicine, University of Minnesota at Rochester. Since October, 1963, Dr. Holroyd has been an assistant to the staff in clinical psychology.

LTC. COL. HENRY E. LEFEBVRE, UC '59, graduated June 5 from the Air War College, the U. S. Air Force's senior professional school, at the Air University, Maxwell A.F.B., Ala. Colonel LeFebvre is being reassigned to the U. S. Southern Command in Panama as a staff officer. He also completed requirements for an M.A. degree in international affairs at the Air University extension center of George Washington Uni-

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versity while attending the Air War College.

LT. COL. LEWIS V. POSICH, CSCS '59, U. S. Army, has joined the faculty staff of Bordentown Military Institute and will serve as the professor of Military Science.

COLONEL DONALD C. WILSON, UC '59, has retired from the U. S. Army. During his 23 years' service, Colonel Wilson served in the Chinese Combat Command during World War II. He was Director of Economics, Military Governor of the Ryukyus; on the staff, Office of the Secretary of Defense; Senior Army Advisor, 20th Republic of Korea Division; Senior Army Advisor to Maryland National Guard; President, Sixth U. S. Army Physical Evaluation Board; and Assistant Deputy Chief of Staff, Operations and Training, Headquarters, Sixth U. S. Army. During his career, Col. Wilson attended language schools for the Chinese and Spanish languages. His decorations include: Bronze Star Medal with two Oak Leaf Clusters; Army Commendation Medal with Oak Leaf Cluster; Special Breast Order of Yun Hui, Republic of China; the Chungmu Distinguished Military Service Medal, Republic of Korea; the Combat Infantry Badge, and various Theater and Service medals. Col. Wilson plans to reside in Maryland.

MAJOR ROBERT E. RANKIN, CSCS '59, of Canton, Ohio, received a certificate of appreciation for his outstanding service to the Republic of Korea Air Force (ROKAF) at Seoul. Presenting the citation was Lt. Gen. Won Suk Parks, ROKAF chief of staff. Major Rankin was honored for his outstanding professional knowledge and experience as a U. S. Air Force advisor in helping develop the organizational structure and manpower management of the ROKAF. The 22-year-service veteran is being reassigned to Lackland A.F.B., Tex. There, as a member of the Air Training Command, he will be on the faculty of the Air Force Officer Training School.

CAPTAIN DAVID SCOTT, A&S '59, was married to Miss Mary Evelyn Charlton, daughter of Mrs. Evart Anthony Charlton, on Sept. 21, 1964, in Immanuel Presbyterian Church at Lake Oswego, Oregon. The bride was graduated from Occidental College where she was affiliated with Delta Omicron Tau.

THE SIXTIES

CAPTAIN MICHAEL W. BALOK, UC '60, graduated June 12 from the U. S. Air Force Command and Staff College at the Air University, Maxwell A.F.B., Ala. Captain Balok was one of more than 500 graduates who marked the end of more than nine months of professional military education for career Air Force captains and majors.

MARTIN J. BOHN, JR., A&S '60, who

will be senior clinical counselor at University Counseling Service as well as an assistant professor of psychology, received his Ph.D. degree from State University of Iowa this year, his M.A. from SIU in 1963.

LT. COL. WILSON M. DEPRIEST, UC '60, formerly of Salem, Mo., has assumed command of the 728th Tactical Control Squadron at Shaw A.F.B., S. C. Colonel DePriest served at Elizondo Air Station, Spain, prior to his appointment at Shaw. His new unit supports the Tactical Air Command mission of providing firepower and other air support to U. S. Army forces. Colonel DePriest, who has 26 years of military duty, served in the European Theater of Operations during World War II.

ANTHONY P. DETHOMAS, Engr. '60 at the University of Maryland, recently received his M.S. from Ohio State University.

LT. COL. AMIN GEORGE, JR., UC '60, graduated from the Air War College, the

U. S. Air Force's senior professional school, at the Air University, Maxwell A.F.B., Ala. Colonel Amin is returning at Maxwell A.F.B. for assignment to the faculty of the squadron officer school at the Air University. He also completed requirements for a Master of Arts degree in International Affairs at the Air University extension center of George Washington University while attending the Air War College. The colonel attended Lamar College, Beaumont, Tex., Texas A. & M. and received his B.S. degree from the University of Maryland.

K. WILLIAM HORN, JR., Master BPA '60, has joined the Information Services Department of the Air Transport Association of America (ATA). Horn will serve as research analyst in the Washington, D. C., headquarters of the ATA. Horn worked with the United States Chamber of Commerce where he was a transportation economist. During his association with the Chamber, he performed economic studies of domestic

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transportation systems and prepared the Chamber annual "Transportation Review and Outlook." Horn joined the staff of the Peerless Transportation Co., Dayton, Ohio, in 1958. From March, 1960, through January, 1963, he was a transportation analyst with the Transportation Association of America, Washington, D.C. In February, 1963, he joined the U.S. Chamber of Commerce. A native of Dayton, Ohio, and a graduate of the University of Tennessee, he obtained his Master of Business Administration degree from the University of Maryland in 1959. Horn lives in Alexandria, Va.

1ST LT. THEODORE F. KYTE, JR., Educ. '60, has returned with his Tactical Air Command (TAC) unit to Cannon A.F.B., N.M., following a temporary duty tour at Misawa A.B., Japan. Lt. Kyte is a pilot. TAC units, which provide firepower and other air support for U.S. Army forces, are rotated frequently to overseas bases to maintain a high degree of flexibility and combat readiness.

CAPTAIN GENE J. STERGAR, M. EDUC. '60, has been presented the Air Force Systems Command (AFSC) Certificate of Merit. The captain was honored for his distinguished service as a research procurement management staff officer at the headquarters of AFSC's Research and Technology Division at Bolling A.F.B., Washington, D.C. The certificate, signed by General B.A. Schriever, AFSC commander, was presented by Maj. Gen. Marvin C. Demler, at a special ceremony at Bolling. Captain Stergar received his Bachelor of Science degree from Montana State College and was commissioned there upon completion of the Air Force Reserve Officer Training Corps program. He earned his master's degree in Education from the University of Maryland.

1ST LT. JOHN R. THOMAS, Engr. '60, has completed the rigorous U.S. Air Force Survival and Special Training School at Stead A.F.B., Nev. Lt. Thomas, a pilot, was trained to use equipment and techniques that would enable him to survive under adverse climatic conditions and hostile environments. The course, conducted by the Air Training Command, includes combat survival, evasion and escape and counterinsurgency training. He was commissioned in 1960 upon completion of the Reserve Officer Training Corps program at the University of Maryland, College Park.

WILLIAM S. WEST, LL.B. '60, has RCA Nimbus Project Office responsibility for technical and administration direction of the Power Supply Subsystem. Mr. West has had 13 years of engineering, supervisory, and administration experience in radar, aircraft, missile, and satellite development. At the Western Electric Company he received intensive industrial engineering training. At the

Martin-Marietta Company, Mr. West participated in numerous assignments. He was a group engineer on the B-57 and Bullpup missile projects, responsible for the electric system design. He was also the representative for the electronics department controlling various groups working on the Titan ICBM thrust simulators, test procedures, control panels and television monitoring systems. Mr. West has written articles on missile reliability and nuclear system range considerations. He joined RCA in 1962 as Supervisor of the New Castle power skill center. In his present capacity, Mr. West is assigned to the Nimbus Project Office and is responsible for the technical direction of the Nimbus Spacecraft Power Supply Subsystem.

LT. COL. RICHARD J. GIBNEY, UC '61, graduated Friday, June 5, from the Air War College, the U.S. Air Force's senior professional school, at the Air University, Maxwell A.F.B., Ala. Colonel Gibney is being reassigned to Pope A.F.B., N.C., for duty as a squadron commander. He also completed requirements for a M.A. degree in international affairs at the Air University extension center of George Washington University while attending the Air War College.

COLONEL ROBERT T. HOF, UC '61, has entered the Industrial College of the Armed Forces at Fort Lesley J. McNair in Washington, D.C. Colonel Hof is one of 180 selected senior military officers and key government officials who will undergo 10 months of intensive education in the management of strategic logistic resources for national security. Operating under the direct supervision of the Joint Chiefs of Staff, the Industrial College is one of the nation's highest military educational institutions.

LT. COL. GORDON E. MULVEY, UC '61, graduated June 5 from the Air War College, the U.S. Air Force's senior professional school, at the Air University, Maxwell A.F.B., Ala. Colonel Mulvey is being reassigned to Headquarters, Oklahoma City Air Materiel Area at Tinker A.F.B., Okla., for duty as a staff officer. He also completed requirements for a M.A. degree in international affairs at the Air University extension center of George Washington University while attending the Air War College. The colonel, a graduate of Dean Academy, Franklin, Mass., received his B.S. degree at the University of Maryland. He is a member of Alpha Tau Omega.

MAJOR WAYNE MUSGROVE, UC '61, has been awarded the U.S. Air Force Air Medal for meritorious achievement during aerial flights in support of the fight against communist aggression in Viet Nam. Major Musgrove, a tactical air detachment commander, is on duty with a unit of the Pacific Air Forces, the command that provides airpower for defense of the U.S. and its allies in the Pacific and Far East areas. He flies with Vietnamese Air Force crews to assist

and advise them on combat tactics against the Viet Cong. The 22-year-service veteran, commissioned in January 1944, through the aviation cadet program, served in the European Theater of Operations during World War II. He is also a veteran of the Korean conflict.

COLONEL PAUL F. PATCH, UC '61, graduated June 5 from the Air War College, the U. S. Air Force's senior professional school, at the Air University, Maxwell A.F.B., Ala. Colonel Patch is being reassigned to Headquarters, Pacific Air Forces at Hickam A.F.B., Hawaii, as director of transportation. He also completed requirements for an M.A. degree in international affairs at the Air University extension center of George Washington University while attending the Air War College. The colonel attended the University of Denver, and received his B.A. degree from the University of Maryland.

JOSEPH J. PEAR, A&S '61, recently received his M.S. from Ohio State University.

LT. COL. KENNETH L. VAUGHN, UC '61, received the U. S. Air Force Commendation Medal at Scott A.F.B., Ill. Colonel Vaughn was awarded the medal for meritorious service while assigned to the Directorate of Operations at Headquarters, U. S. Air Force. He is now chief of command control automation division at Headquarters, Military Air Transport Service (MATS) at Scott. MATS provides global airlift of U. S. military forces and equipment. He entered the service in June 1941 and received his commission in 1943 through the aviation cadet program. Colonel Vaughn is a veteran of the Korean conflict and during World War II served in the European Theater of Operations.

1ST LT. GEORGE J. BELEJCHAK, JR., A&S '62, has completed the rigorous U. S. Air Force Survival and Special Training School at Stead A.F.B., Nev. Lt. Belejchak, an electronics warfare officer, was trained to use equipment and techniques that would enable him to survive under adverse climatic conditions and hostile environments. The course, conducted by the Air Training Command, includes combat survival, evasion and escape, and counterinsurgency training. The lieutenant is being reassigned to a Strategic Air Command (SAC) unit at Wright-Patterson A.F.B., Ohio. He received his commission in 1962 upon graduation from the Officer Training School.

CLAUDIA ANN BRUSH, UC '62, received a M.S. degree in Clothing and Textiles from Pennsylvania State University.

FREDRIC H. BURMAN, A&S '62, has been commissioned a second lieutenant in the U. S. Air Force upon graduation from Officer Training School (OTS) at Lackland A.F.B., Tex. Lieutenant Burman, selected for OTS through competi-

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tive examination, is being assigned to a unit of the U. S. Air Forces in Europe (USAFE) for duty in Turkey. USAFE provides the major air contribution for defense of the NATO countries. The lieutenant is a member of Zeta Beta Tau and Phi Alpha Theta. He also attended the University of North Carolina and New York University.

ROBERT J. CHINNIS, PH.D., Doctor of Education, '62, has joined the American University faculty as an assistant professor of education in the College of Arts and Sciences. The new AU professor is a former lecturer on education and coordinator of undergraduate elementary education at the University of Pennsylvania's Graduate School of Education. Before his teaching post at the University of Pennsylvania, Chinnis was a part-time instructor in education at the University of Virginia from 1957 to 1960 and a visiting professor of education at Atlantic Christian College in Wilson, N. C., in 1962. Prior to teaching at the college level, Chinnis was the principal and a teacher at Trenton Elementary School in Trenton, N. C., and also taught at Fayetteville (N. C.) Senior High School. He holds a B.S. degree in science and English from East Carolina College in Greenville, N. C., M.Ed. degree in public school administration and history from the University of North Carolina, and his doctoral degree in elementary education and humanities growth and development from the University of Maryland.

Lt. Col. ELDON N. COLBY, UC '62, has arrived for duty with a unit of the Pacific Air Forces (PACAF) at Hickam A.F.B., Hawaii. Colonel Colby previously served at Maxwell A.F.B., Ala. His new unit supports the PACAF mission of providing airpower for defense of the U. S. and its allies in the Pacific area. A graduate of J. C. Fremont High School, Los Angeles, he attended the University of Maryland and George Washington University, and holds B.S. and M.A. degrees. He was commissioned through the aviation cadet program in 1943.

WALTER WENDELL KNICELY, Agr. '62, received a M.S. degree in Horticulture from Pennsylvania State University.

DR. (CAPTAIN) AARON I. LINCHUCK, A&S '62, who recently was called to active duty, has completed the orientation course for officers of the U. S. Air Force medical service at Gunter A.F.B., Ala. Captain Linchuck is being assigned to England A.F.B., La., where he will practice as a dentist and assist with medical service for personnel of the Tactical Air Command which provides firepower and other air support to U. S. Army forces. Doctor Linchuck received his B.A. degree from Maryland University at College Park and his D.D.S. degree from Howard University Dental School at Washington, D. C. He is a

member of Tau Epsilon Phi and Alpha Omega.

LARRY K. LOUGHMAN, BPA '62, has been appointed supervisor of Methods Engineering and Work Standards for

Plant 8 and Plastic Molding. Loughman came to Packard Electric, Warren, Ohio, in July, 1962, and has worked in Methods Engineering and Work Standards since that time. A graduate

of the University of Maryland, he holds a B.S. degree in business administration.

WILLIAM B. MORIARITY, II, BPA '62, has been promoted to sales representative in the Washington office of Trans-World Airlines. Moriarity was promoted from the company's Washington reservations office.

1st Lt. PATRICK M. TOBIN, Engr. '62, has arrived for duty with the U. S. Air Force hospital at Osan A.B., Korea. Lieutenant Tobin, a sanitary and industrial hygiene engineer, previously served at Randolph A.F.B., Tex. His new unit furnishes medical services in support of the Pacific Air Forces mission of providing airpower for defense of the U. S. and its allies in the Pacific area. The lieutenant is a member of Alpha Tau Omega.

2nd Lt. EUGENE J. CINCOTTA, Engr. '63, and **2nd Lt. ALGIRD P. LEONAS, Engr. '63**, have been awarded U. S. Air Force silver pilot wings upon graduation from flying training school at Moody A.F.B., Ga. The two lieutenants are returning to their Maryland Air National Guard unit in Baltimore.

2nd Lt. ROY R. CUNNINGHAM, A&S '63, has been awarded U. S. Air Force silver pilot wings upon graduation from flying training school at Laughlin A.F.B., Tex. Lieutenant Cunningham is being assigned to Castle A.F.B., Calif., for flying duty in a unit which supports the Strategic Air Command mission of keeping the nation's intercontinental missiles and jet bombers on constant alert. The lieutenant was commissioned in 1963 upon completion of the Reserve Officer Training Corps program.

2nd Lt. JOEL W. GREEN, Jr., Agr. '63, has been awarded his silver wings upon graduation from U. S. Air Force navigator training at James Connally A.F.B., Tex. Lieutenant Green is being assigned to Hunter A.F.B., Ga., for flying duty on the C-123 Globemaster as a navigator. His new unit is a component of the Military Air Transport Service which provides global airlift of U. S. military forces and equipment.

Lt. Col. HARRY G. HOWTON, UC '63, has completed the rigorous U. S. Air Force survival and special training course by the Air Training Command at

Stead A.F.B., Nev. Lieutenant Howton received combat-type escape and evasion training to enable him to survive under adverse climatic conditions and hostile environments. The colonel is being assigned as commander of a unit at Saigon, Viet Nam, which supports the Pacific Air Forces mission of providing airpower for defense of the U. S. and its allies in the Pacific area. Colonel Howton attended Virginia Military Institute and the University of Maryland. He received his commission by direct appointment in 1942.

STENY H. HOYER, BPA '63, was elected president of the Young Democratic Clubs of Maryland at their annual convention held recently at the Washington Motel in Gaithersburg, Md. Mr. Hoyer becomes the youngest president in Maryland Young Democratic history. At 25 he succeeds Joseph Tydings, A&S '51, LL.B. '53, newly elected to the United States Senate, to this distinction. Hoyer is also the first president of the state Y. D.'s to come from Prince George's County. A resident of District Heights, Hoyer is a graduate of Suitland High School. He graduated from the University with "High Honors" and was chosen that school's outstanding male graduate of 1963. He was also selected for the men's leadership and scholarship honorary, Omicron Delta Kappa, and served as president of that organization. In addition, he was tapped for membership in Pi Sigma Alpha, a national political science honorary. The new president, an assistant on the staff of Senator Daniel B. Brewster, is currently attending the Georgetown University Law Center, where he is in his second year of study.

2nd Lt. WILLIAM S. KOOPMANN, BPA '63, has been awarded U. S. Air Force silver pilot wings upon graduation from flying training at Moody A.F.B., Ga., for duty with a unit of the Air Training Command.

Lt. Col. RIO G. LUCAS, UC '63, graduated June 5 from the Air War College, the U. S. Air Force's senior professional school, at the Air University, Maxwell A.F.B., Ala. The university-level course provides senior officers a better understanding of the elements of national power and aerospace resources, preparing the graduates for higher level command and staff positions. Colonel Lucas is being reassigned to Headquarters, Baltic Approaches, Karup Air Station, Denmark, as the staff civil engineer. He also completed requirements for an M.A. degree in international affairs at the Air University extension center of George Wash-



ington University while attending the Air War College. Colonel Lueas, who has a B.A. degree in commerce, attended the University of Colorado, the University of Denver, and the University of Maryland.

CAPTAIN THOMAS J. McELHINNEY, Jr., UC '63, has arrived for duty at Goodfellow A.F.B., Texas, after a tour of service in Turkey. Captain McElhinney, an intelligence officer, is a graduate of Mary Knoll High School, Ossining, N. Y. He was commissioned in 1951 upon his graduation from Officer Candidate School.

2ND LT. DANA N. NASUTI, A&S '63, has arrived for duty at Dyess A.F.B., Tex., after a tour of service in Japan. Lieutenant Nasuti, an information officer, is assigned to a Tactical Air Command (TAC) unit at Dyess. His organization supports the TAC mission of providing firepower and other air support to U. S. Army forces. The lieutenant was commissioned upon completion of the Reserve Officer Training Corps program. He is a member of Phi Kappa Tau.

GEORGE C. OFFUTT, JR., Edue. '63, of College Park, has been awarded a N.A.S.A. Traineeship for graduate study in zoology. Mr. Offutt has been elected vice president of Phi Sigma, the Biological Sciences National Honor Society, at Maryland for this year. His wife, the former LYNN RADES, Edue. '61, a former teacher in Prince George's County, is currently working on a graduate program in elementary school guidance.

2ND LT. JAMES E. ORLANDO, BPA '63, has arrived for duty with a Military Air Transport Service (MATS) unit at Charleston A.F.B., S. C. Lieutenant Orlando, a transportation officer, previously served at James Connally A.F.B., Tex. His new unit supports the MATS mission of providing global airlift of U. S. military forces and equipment.

MAURICE L. SHELTON, A&S '63, has been commissioned a second lieutenant in the U. S. Air Force upon graduation from Officer Training School (OTS) at Lackland A.F.B., Tex. Lieutenant Shelton was selected for OTS through competitive examinations with other college graduates. The lieutenant received his B.S. degree in zoology.

DR. (CAPTAIN) JUNIUS T. SOLIDAY, D.D.S. '63, who recently was called to active duty, has completed the orientation course for officers of the U. S. Air Force medical service at Gunter A.F.B., Ala. Captain Soliday is being assigned to Andrews A.F.B., Md., where he will practice as a dentist and assist with medical service for personnel of the Headquarters Command which provides logistical and administrative support to USAF Headquarters. Doctor Soliday attended Fenn College in Cleveland, Ohio, and Elkins College in Elkins, W. Va., and is a graduate of the University of Maryland.

HOWARD W. WAMPLER, A&S '63, has been commissioned a second lieutenant in the United States Air Force upon graduation from Officer Training School. He was reassigned to Lowry A.F.B., Colo., for training as a munitions officer. He was graduated from the course for U. S. Air Force weapons officers. Lieutenant Wampler, who was trained to direct repair and assembly of nuclear weapons, is being assigned to a Strategic Air Command (SAC) unit at Carswell A.F.B., Tex. His squadron supports the SAC mission of keeping the nation's intercontinental missiles and jet bombers on constant alert. The lieutenant has a degree in chemistry and is a member of Alpha Chi Sigma.

2ND LT. LYLE H. WESI, UC '63, has been awarded U. S. Air Force silver pilot wings upon graduation from flying

training school at Reese A.F.B., Tex. Lieutenant West is being assigned to Ellsworth A.F.B., S. D., for flying duty in a unit which supports the Strategic Air Command mission of keeping the nation's intercontinental missiles and jet bombers on constant alert. The lieutenant was commissioned through the Air Force Reserve Officer Training Corps program. He is a member of Delta Sigma Pi.

DONALD F. WHITE, JR., P. E. '63, has been commissioned a second lieutenant in the U. S. Air Force upon graduation from Officer Training School. Lieutenant White is being reassigned to James Connally A.F.B., Tex., for training as a navigator. The lieutenant is a member of Phi Delta Theta.

M/SGT. EDWARD J. ZEMAN, Edue. '63, has retired from the U. S. Air Force at Bolling A.F.B., Washington, D. C., after more than 23 years of service. Sergeant Zeman served as a trombonist with the U. S. Air Force Band at Bolling prior to his retirement. He is a veteran of World War II.

GEORGE E. ALBERT, UC '64, has been commissioned a second lieutenant in the U. S. Air Force upon graduation from Officer Training School (OTS) at Lackland A.F.B., Tex. Lieutenant Albert was selected for OTS through competitive examinations with other college graduates. The lieutenant received his A.A. degree from Kilgore Junior College and his B.A. from the University of Maryland.

MICHAEL P. BERCU, A&S '64, has been commissioned a second lieutenant in the U. S. Air Force upon graduation from Officer Training School (OTS) at Lackland A.F.B., Tex. Lieutenant Bereu was selected for OTS through competitive examinations with other college

graduates.

2ND LT. EDWARD B. BROWN, A&S '64, is a member of the U. S. Air Force Tactical Air Command (TAC) forces now taking part in Exercise Indian River being conducted at the Tactical Air Warfare Center, Eglin A.F.B., Fla. The exercise involves a series of special joint air-ground operations to test concepts of tactical air mobility and firepower for battlefield support of ground troops. TAC fighter, reconnaissance and troop-carrier aircraft are being used. The lieutenant received his commission upon completion of the Reserve Officer Training Corps program at the University of Maryland.

MR. AND MRS. CHARLES W. COALE Agric. '59 and M.S. '64, moved to Penn State University for continued graduate work in Agricultural Economics this summer. Mrs. Coale, nee ELLEN L. KIRBY, graduated in Home Economics in 1958.

STEPHEN J. FRANK, JR., BPA '64, has been commissioned a second lieutenant in the U. S. Air Force upon graduation from Officer Training School (OTS) at Lackland A.F.B., Tex. Lieutenant Frank was selected for OTS through competitive examinations with other college graduates. He will now go to one of the more than 250 Air Force installations world-wide where combat and support units are based for his first assignment as an officer.

DR. (CAPTAIN) IRA N. GOLDBACH, D.D.S. '64, has been assigned to Robins A.F.B., Ga., following his recent call to active duty in the U. S. Air Force. Doctor Goldbach will join the medical staff at Robins to practice as a dentist. His new unit furnishes medical services in support of the Air Force Logistics Command mission of providing Air Force operational units with supplies, equipment and maintenance services. The doctor, a graduate of Miami Beach (Fla.) High School, attended the University of Miami, Fla., and the University of Maryland. He is a member of Alpha Omega.

GEOFFREY B. IRANI, A&S '64, who received his Bachelor's Degree in Physics from the University of Maryland in 1964, recently joined the staff of the Physics Department of the University of California Lawrence Radiation Laboratory in Livermore, Calif. Mr. Irani is now living in Livermore, Calif.

BRIAN O'NEILL, A&S '64, recently accepted a position as General Geographer with U. S. Geological Survey, Washington, D. C.

2ND LT. CHARLES R. PATTERSON, A&S '64, has been awarded his silver wings upon graduation from U. S. Air Force navigator training at James Connally A.F.B., Tex. Lieutenant Patterson is being assigned to an Air Training Command (ATC) unit at Mather A.F.B., Calif., for training and duty. The lieutenant, a graduate of Woodstown N. J.



High School, received his B.A. degree from the University of Maryland.

THOMAS J. SLAUGHTER, BPA '64, recently accepted a position as Financial Management Intern with the Bureau of Yards and Docks, Department of the Navy, Arlington, Va.

CHARLES N. SOMERS, PH.D. '64, English, has been appointed to the position of assistant academic dean, at Lock Haven State College in Pennsylvania. Dr. Somers, who has been assistant director of the University of Maryland's Baltimore division of University College for three years, will assist Dean Gerald R. Robinson in the administration of academic affairs at the Pennsylvania college. He will also hold the rank of associate professor of English and will teach courses in English that include his area of specialty, Eighteenth Century English literature. Formerly director of the news bureau at Towson State College, Dr. Somers taught at Towson, the General Motors Institute and the University of Maryland. He also taught English at two Korean high schools in Seoul. A native of New York State, Dr. Somers has a B.A. in journalism from Wayne State University. He also earned an M.A. from the University of Michigan and a Ph.D. from the University of Maryland, both in English. Dr. Somers is a member of Sigma Delta Chi, the professional journalism society; Alpha Sigma Lambda, professional honor fraternity for evening students; the National Council of Teachers of English, the Modern Language Association and the University of Michigan Club of Baltimore.

DR. (CAPTAIN) ALBERT H. SWAIN, A&S '60 and D.D.S. '64, who recently was called to active duty, has completed the orientation course for officers of the U. S. Air Force medical service at Gunter A.F.B., Ala. Captain Swain is being assigned to Wright-Patterson A.F.B., Ohio, where he will practice as a dentist and assist with medical service for personnel of the Air Force Logistics Command which provides Air Force operational units with supplies, equipment and maintenance services. The doctor, a member of Alpha Tau Omega, is a graduate of the University of Maryland and Baltimore College of Dental Surgery.

2ND LT. PHILIP B. VELTHUIS, BPA '64, has graduated from the U. S. Air Force orientation course for Medical Service Corps officers at Gunter A.F.B., Ala. Lieutenant Velthuis, who was given familiarization training on Air Force administrative procedures and medical service objectives, is being assigned to the U. S. Air Forces in Europe's (USAFE) Spangdahlem A.B., Germany. His unit furnishes medical services in support of the USAFE mission of providing the major air contribution for defense of the NATO countries. He is a member of Delta Sigma Pi.



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RUTH LEWIS

When Senator Beall learned of Capt. Scobel's death, he wrote a letter of condolence to his parents. "I think it can be truly said that he was a great service to our Country. He was in every manner the epitome of the all-American boy."

CRESTON E. FUNK, Engr. '31, chief of the contract document section of the District Department of Highways and Traffic, died after a heart attack. Mr. Funk had been associated with the highway department since 1959.

He had been employed as a civil engineer by the city of Hagerstown, the Pennsylvania Department of Highways and the Truseon Steel Co. and, before coming to the District, was employed for 18 years by the J. E. Geiner Co. of Baltimore, a consulting engineers firm.

Mr. Funk worked on construction of Friendship International Airport, the Ohio Turnpike and the Chesapeake Bay Bridge.

CARR T. VAN SICKLER, A&S '23, a Washington orchestra leader and composer, died of cancer at Providence Hospital.

Born in the District, Mr. Van Sickler was leader of the band at the Madrillon Restaurant for 13 years. While attending the University of Maryland, he organized the Old Liners Band, which entertained at school functions and accompanied the university glee club. Van Sickler also wrote "Terrapins on Parade," one of the songs included in the University Song Book.

JOHN S. MAHLE, SR., L.L.B. '15, Baltimore lawyer, former Woodlawn magistrate and Delegate from Baltimore County, has died.

Admitted to the Maryland State Bar 50 years ago, Mr. Mahle was still practicing shortly before his death. He and his son, John S. Mahle, Jr., have offices in the Tower Building, Baltimore.

Mr. Mahle served as a member of the Maryland House of Delegates from 1922 until 1930, representing Baltimore County. He was police court magistrate at Woodlawn from 1940 until 1950. A specialist in real estate law, Mr. Mahle was a charter member of the Baltimore County Bar Association, and had lived for some 60 years in the Woodlawn area.

MELVIN E. KOONS, A&S '30, died on Oct. 4, 1964, in Grand Forks, North Dakota.

JOYCE AMRIN STAUBUS, H.Ec. '51, wife of Paul C. Staubus, road engineer for the Department of Public Works of Prince Georges County, died of cancer at her home in Forestville.

A native of Lansing, Mich., Mrs. Staubus came to Washington in 1939, and graduated from Eastern High School. She received a bachelor's degree in home economics from the University of Maryland in 1951 and for the next five years was employed as a dietitian at Glendale Sanitarium.

She was a member of Forest Methodist Church, where she was director of the Junior Choir for several years, and Alpha Xi Delta Sorority and Bethel No. 5, Job's Daughters, Anacostia.

COL. FRANK M. MOOSE, M.D. '14, '78, who organized the Army's first medical training battalion, died after a heart attack at Walter Reed Hospital.

Col. Moose retired from the Army in 1948 after more than 30 years of service.

A native of Mount Pleasant, North Carolina, he received his bachelor's degree from Southwestern University in Texas and his M.D. degree from the University of Maryland in 1914. He also held a doctorate in medicine from the University of Maryland.

Col. Moose entered the Army as a first lieutenant in 1917. During World War I he served as a battalion surgeon with the 61st Infantry, 5th Division. He was awarded the Silver Star for bravery during action in 1918 and also received the Purple Heart.

During his Army career Col. Moose served two tours of duty on the surgical staff of Walter Reed Hospital.

When World War II broke out, he was serving at Camp Lee, Virginia, and there organized the Army's first medical training battalion.

Col. Moose also assisted in plans for the Medical Replacement Training Center and for his work on both projects received the Army Commendation Medal for outstanding service.

GEORGE J. MILLER, JR., L.L.B. '52, builder, financier, attorney, accountant and engineer, died following a lengthy illness.

Mr. Miller was President of George J. Miller, Jr., Builder, Inc., and of the Baltimore Business Investment Company, the first such concern licensed in Maryland under the Small Business Investment Company Act of 1958.

He was a partner in the law firm of O'Conor and Sweeney and a partner in the certified public accounting firm of Bloom and Miller.

He was a director of Baltimore Contractors, Inc., and an officer or director of more than 20 small business concerns.

He was a member of the Alpha Sigma Nu, Jesuit Honor Society, and the president of the Alpha Sigma Nu Alumni Club of Baltimore. Mr. Miller served two terms as treasurer of the National Association of Small Business Investment Companies.

As a college student Mr. Miller proclaimed that a financial career could be built without sacrifice of personal standards. In a program to give a practical base to his education, he worked successively as an engineer, private and public accountant and lawyer. By 1950 he had already determined on an ultimate goal of handling investment capital.

In Memoriam

WHEN UWE-THORSTEN SCOBEL GRADUATED from the University of Maryland in 1959, he wanted two things—United States citizenship, and a career as a pilot.

But he was born in Germany, and because he did not enter the United States until 1955, the five-year waiting period would prevent him from becoming a citizen until 1960. The delay would prevent him from entering the U. S. Air Force Academy as he planned.

He went to the office of Sen. J. Glenn Beall (R.-Md.) and told him of the problem. He was always interested in a military career and was a lieutenant colonel in the University's ROTC program. Beall, who said his meetings with Scobel "have convinced me that his unquestionable character as well as his sincere desire to become a citizen makes him a worthy beneficiary of this legislation," introduced a private bill granting the citizenship.

The bill was approved and Scobel entered the academy with the rest of his class.

In December of 1963 Capt. Scobel flew an unarmed propeller aircraft out of Phan Thiet Airfield on a reconnaissance mission in Viet Nam. The Viet Cong spotted the small plane and fired a stream of 50 caliber shells. Scobel was wounded in the left arm, but he made four more passes over the enemy to lead a Vietnamese Air Force B-26 to the target.

He returned to his airfield for fuel and then took off again for action without waiting for his wounds to be treated. The action won him the Distinguished Flying Cross.

Last March he was flying an unarmed TO-1D three miles inside Viet Nam when a Cambodian T-28 shot him down. Badly wounded, he was rescued by U. S. helicopters, but he died six days later in a hospital at Clark Air Force Base in the Philippines. He received seven posthumous decorations.

In the field of home and apartment construction he was an immediate success, achieving a reputation for the thoughtful design of his structures.

DR. MILTON S. SACKS, A&S '32 and M.D. '34. Professor of Clinical Medicine and Head of the Division of Clinical Pathology at the University of Maryland Medical School, died at the age of 54.

Native of Baltimore, he was an early researcher in Rh blood factor problems. His works in the field of hematology—the study of blood and its diseases, gained him widespread recognition. In addition to writing numerous papers dealing with various aspects of hematology, he wrote a chapter for one of the standard textbooks on Rh complications of pregnancy.

His works as a hematologist also brought him into research concerning leukemia.

In this area he was consulted in the case of Miss Ann O'Neill, of the 1200 block of Dorchester Road, whose recovery from the ailment figured in the beatification of Maryland's Venerable Mother Seton in March, 1963.

Dr. Sacks was also a member of the medical advisory committee of the Baltimore Red Cross blood program and a diplomat of the American Board of Internal Medicine and the American Board of Pathology.

He also belonged to Alpha Omega Alpha honorary medical fraternity, the Medical and Chirurgical Faculty of Maryland, the American Medical Assn., and the American Society of Hematology. He was a fellow of the American College of Physicians.

In 1936, with an appointment as Instructor in pathology at the University's Medical School, he launched a teaching career that, colleagues recall, was to demonstrate his uncanny ability to make complexities of hematology simple enough for novice physicians to comprehend thoroughly.

He was Hitchcock Fellow in medicine for two years beginning in 1938 and for the ensuing two years was associate in medicine at the University of Maryland.

He later became Assistant Professor of Medicine and Head of the Division of Clinical Pathology at University Hospital.

Between 1947 and 1954 he was Associate Professor of Medicine, Head of the Division of Clinical Pathology and Director of the Hospital's clinical laboratories.

Dr. Sacks was Director of the Baltimore Rh Typing Laboratory, which was founded in 1945 largely through his efforts.

HARRY J. GREEN, L.L.B. '21, the Baltimore attorney who made "Green Commission" a Maryland byword because of the number of important government

finance advisory commissions he headed, died at the age of 58.

Mr. Green was stricken with a heart attack while attending the Colt-Green Bay Packers football game here. He died shortly after at Union Memorial Hospital.

A prominent lawyer and senior partner of the Baltimore law firm of Weinberg & Green, Mr. Green was best known in Maryland as an unpaid financial adviser for both Republican and Democratic State administrations, and most recently for Mayor McKeldin.

As Governor of Maryland, Mr. McKeldin had twice named the scholarly lawyer to head important State commissions.

A bright youth, who could read before he attended school, Mr. Green first distinguished himself as Baltimore's youngest doctor of philosophy, winning the degree in political science from Johns Hopkins University at the age of 23. He shares the Hopkins age mark with former Senator George L. Radcliffe, who also was a Ph.D. at 23.

Mr. Green had won his bachelor's degree from the Hopkins at 20, while simultaneously attending the University of Maryland Law School at night, where he received his L.L.B. at 21.

In addition to this frenzy of scholarly activity, he held down various paying jobs at the same time to finance summer courses at the Sorbonne in Paris and Heidelberg in Germany.

His doctoral dissertation on the Maryland Legislature became a published handbook that was used long after by novice members of the General Assembly.

After graduation from the Hopkins, he worked for the Maryland Department of Legislative Reference and then from 1931 to 1935 as an assistant attorney general assigned to cases before the State Industrial Accident Commission.

He resigned the State appointive post in 1935 to devote full time to the private practice of law in the firm of Weinberg & Sweeten.

Specializing in corporate finance and taxation, he represented a number of major clients and became a member of many corporate boards during his career.

In addition to his public and professional activities, he devoted many years to the Baltimore Hebrew Congregation, and was a director of the congregation at the time of his death.

He was a great sports enthusiast, enjoying fishing as well as football and other spectator sports in recent years.

L.T. GEN. ROBERT N. YOUNG, A&S '22, a native Washingtonian who directed the victorious assault on Korea's Heartbreak Ridge and who was a former commander of the Military District of Washington, died recently at his home in Asheville, North Carolina. He was

64 and had been ill for several months.

After graduating from McKinley Tech High School in Washington, D. C., in 1918, Gen. Young enlisted as a private in the army and saw active action overseas. After the war he enrolled at the University of Maryland, where he was an honor student and a leader of the ROTC program. A member of Kappa Alpha and of Scabard and Blade military fraternity, he was commissioned a second lieutenant in 1922.

He spent the first two decades of his military career in infantry assignments, including tour of duty in Puerto Rico and Hawaii, and a tour as Professor of Military Science and Tactics at the University of Maryland from 1928-1932.

During World War II, Gen. Young served as secretary of the General Staff at the War Department in Washington and later as Commander of the 3rd Infantry Division in Europe. He returned to Washington after the war to command the military district there from 1945-1948. One of his first duties was to arrange receptions for Gen. Dwight Eisenhower and other returning war heroes.

Gen. Young returned to combat duty during the Korean conflict, commanding the 2nd Infantry Division. This division captured Heartbreak Ridge after one of the toughest battles of the war, on Oct. 13, 1951.

In 1953 he became Deputy Army Assistant Chief of Staff for Personnel, which position he held until July, 1956, when he became Commander of the Sixth Army, with headquarters at the Presidio, San Francisco.

Gen. Young returned in September of 1957, following a ceremony in his honor at the Presidio. In his 35-year military career, he held a number of high staff positions, including Commandant of the Infantry School of Ft. Benning, Ga., Commandant of the School of Combined Arms of the Command and General Staff College of Ft. Leavenworth, Kansas, and Chief of Staff of the U. S. Army's Pacific forces.

Gen. Young, called the University's "most distinguished military son," received awards including the Distinguished Service Award, the Silver Star, two Bronze Stars, the Legion of Merit, and the Purple Heart. In addition, he was awarded the Distinguished Unit Citation Badge, the Croix de Guerre, and the Legion of Honor of France.

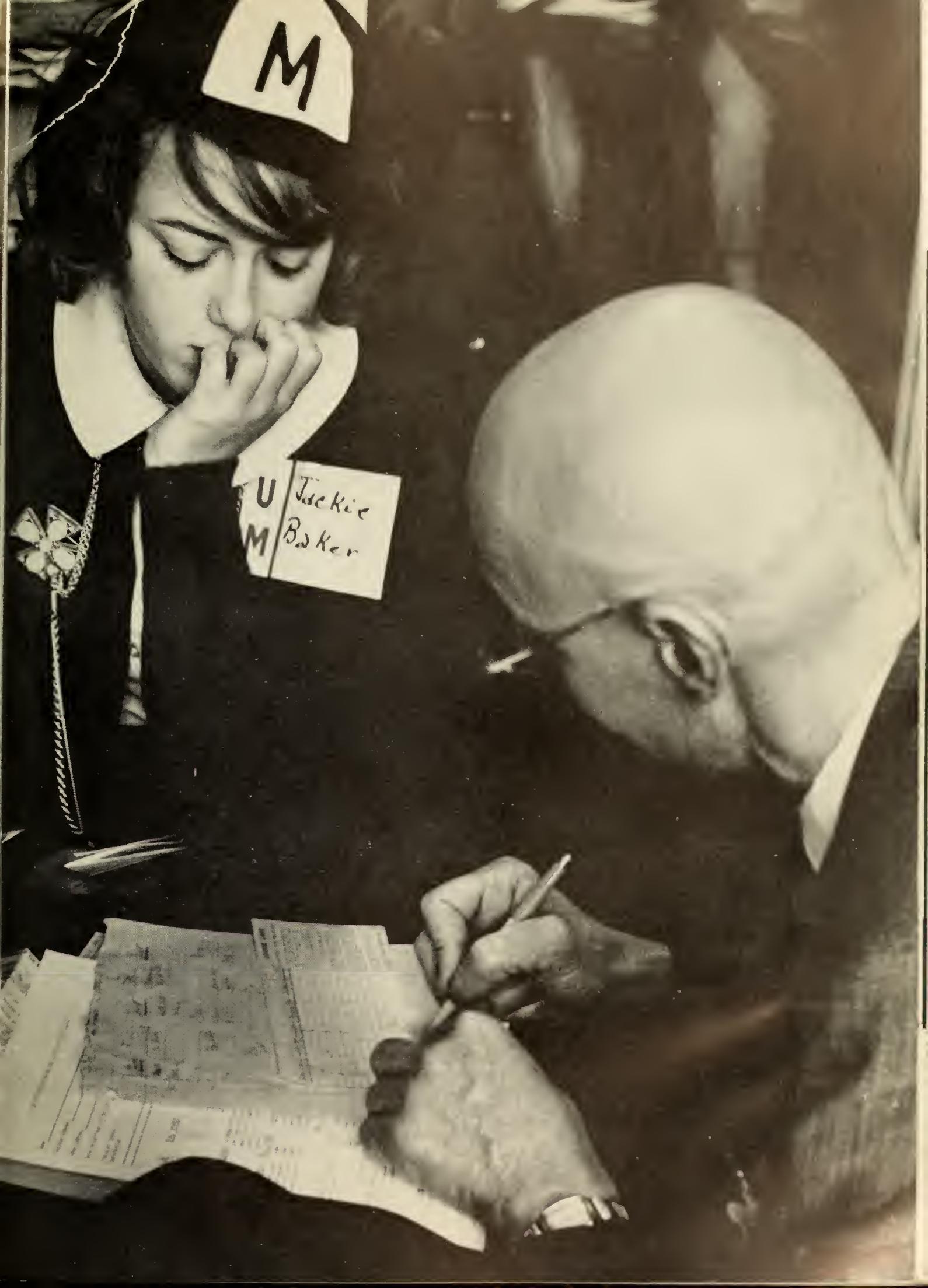
Gen. Young was a member of the Beltsville Masonic Lodge.

Interment was in Arlington National Cemetery, after a military funeral service at the Ft. Meyer Chapel.



M

U Jackie
M Baker





WHOEVER YOU ARE, WHATEVER YOU DO, THE FORESTS OF THE SOUTH ARE IMPORTANT TO YOU

Let's take a *close* look at your Southern forests. There's more to see than just trees. These forests and woodlands provide income for millions of people throughout the Southland...products and raw materials for thousands of industries throughout the world. What's more, the forests provide water, protection against erosion...wildlife for sportsmen and nature lovers...recreation and scenic beauty for *all* to enjoy.

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50,000 times a year throughout the South. Forest fires are started by people...people who are careless or malicious with fire. The losses are yours. What can you do about it? Guard against careless burning yourself, and report malicious burning to your local authorities. Remember, whoever you are, whatever you do — the forests of the South are important to you.

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Alumni Publication of the University of Maryland

Maryland

magazine

January-February 1965



- A Continuing Journey
- The Flying Dean
- Miss Maryland Union
- Inside Maryland Sports



EUROPE 1965

Central Europe - Scandinavia

July 11 to August 8

Once again the University of Maryland Alumni Association is sponsoring a European Tour for alumni and their families. The jet flight will depart from Friendship Airport in Baltimore and fly to London. Two tours will be available. The Central European Tour will visit London, Amsterdam, Cologne, the Rhine River (by boat), Wiesbaden, Heidelberg, Lucerne, Venice (including an evening seranata), Florence, Rome, Nice and Paris. The Scandinavia Tour will visit London, York, Edinburgh, Bergen, Laerdal, Voss, Oslo, Stockholm, Copenhagen, Berlin, Amsterdam and Paris. These are only the highlights. There is much more along the way.

Flight Only: If you prefer, you may take the flight only. The approximate cost will be \$318.00 round trip from Baltimore to London and Paris to Baltimore.

How Much: Central Europe—\$995.00
Scandinavia—\$1130.00

And that includes all transportation, first class hotels (twin rooms with bath), entrance fees, tips and most meals.

*For complete details write to Victor Holm, Alumni Office, University of Maryland, College Park, Maryland, 20742.
For more exciting news, see the inside back cover.*

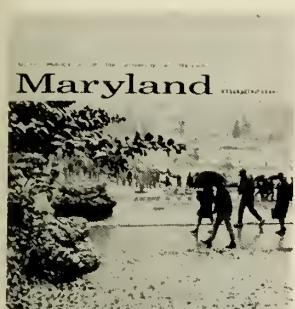


the Maryland magazine

Alumni Publication of the University of Maryland

Volume XXXVI January-February Number 6

THE COVER: Change of Classes near McKeldin Library. Photograph by *Diamondback*, Steve Groer.



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*a continuing journey
to enlarge
human understanding and wisdom*

by Dr. Ralph J. Klein

THE TIME IS 7 O'CLOCK IN THE EVENING. THROUGHOUT the State of Maryland adult students are meeting in University of Maryland classes located in such places as Cumberland, Salisbury, Baltimore, and on-campus. At the extreme west end of the College Park campus—in the new Adult Education Center building—35 electrical engineers and research scientists are discussing new developments in analog simulation. More than 10,000 miles to the east, in Saigon, 3,500 miles to the west, in Berlin, and 2,600 miles to the north, at Thule, Greenland, Maryland residence credit classes are starting. These courses are administered by University College which has its headquarters in the Adult Education Center. From this building, policy is formulated and directives are sent to a "campus" which spans 24 countries on four continents.

THE OVERSEAS PROGRAM

University College is now celebrating the fifteenth anniversary of the inception of its Overseas Program, a program which Arnold J. Toynbee, world-famous British historian, has characterized as "one of those American achievements from which the rest of the World has much to learn."

University College was created by the Board of Regents in 1947. The new college was charged with the responsibility of providing higher education for adults within the State of Maryland. It did not receive, nor does it today,

any financial support from the State. University College officials soon recognized that they could also meet the needs of military personnel stationed at near-by Fort George G. Meade, the Pentagon, Aberdeen Proving Ground, and at Bolling and Andrews Air Force Bases.

Modest programs were at first proposed. The response, however, exceeded all estimates and additional classes were organized during subsequent semesters. During the 1964 Fall Semester, for example, more than 1,200 students enrolled in classes at the Pentagon.

Thus, University College gained administrative experience in off-campus military surroundings. It was ready in 1949 when Armed Forces officials invited American universities to submit proposals for offering courses in Europe.

Maryland's world-wide campus has posed problems for its administrators not unknown to officials of off-campus programs at other institutions. Some of the problems, however, have been unique. During its fifteen-year history, the Overseas Program has developed a corps of administrators, many of whom have been teachers in the program, who are relatively young in average age but who are "old" overseas hands. Under the administrative direction of Dean Ray Ehrensberger, they cope with these problems with the aid of space-shrinking techniques and devices in transportation and communication. Radio, trans-oceanic cables, conventional aircraft, and helicopters are some of the tools used.

THE THREE OVERSEAS DIVISIONS

Maryland's Overseas Program, like Gaul, has three divisions: the European, the Atlantic, and the Far East.

In the fall of 1949, a small group of teachers was flown from Maryland to Germany to teach an anticipated 500 students at six centers—Berlin, Frankfurt, Heidelberg, Munich, Nuremberg, and Wiesbaden. More than 1,800 students enrolled for the first term. More qualified teachers, texts, and classrooms were needed. Dr. Ehrenberger was sent over to resolve the situation. Gradually, answers to problems never before faced by college administrators were found, and the European Division of the Overseas Program was established.

The European Division, with its main office in Heidelberg, Germany, and a local office just outside of London, England, administers courses offered on the continent of Europe, the United Kingdom, North Africa, and the Middle East. Two years after the beginning of this division, the military authorities at Munich requested that a similar program be provided at the freshman and sophomore levels to meet the needs of the sons and daughters of government personnel, either service or civilian, who were qualified to do college level work. These courses, too, are of American college standard and are designed to meet the requirements of the first two years of the College of Arts and Sciences curriculum. Classes are offered during the daytime and dormitory facilities are available for students whose fathers are serving in the European area.

In 1951, at the invitation of the military, the Atlantic Division was started. With its headquarters at the main Maryland campus at College Park, classes are now being offered at Air Force and Navy installations in Newfoundland, Labrador, Greenland, Iceland, Bermuda, and the Azores.

The Far East Division, established in 1956, is the most recent of the three divisions but is second to the European in student enrollment. The University of California, which had offered courses in the Far East since 1950, withdrew from that area and recommended that the University of Maryland be invited as its replacement. This was done, and after President Wilson H. Elkins and the Board of Regents accepted the invitation, the task of establishing the new program was started. With administrative offices in Tokyo and Seoul, classes are conducted in Japan, Korea, Okinawa, Guam, Taiwan, and Viet Nam.

In 1959, President Dwight D. Eisenhower congratulated Maryland: "In eighteen countries throughout the world the Special and Continuation Studies Program* of the University of Maryland enables our military personnel to advance their education and to earn college degrees. This program now includes the Far East with nearly 2,000 American students enrolled in Japan, Okinawa, and Korea. This is a splendid investment and I know it will continue to expand for the good of our young people and the strength of the Nation." The late President John F. Kennedy commended the College for the contributions it had made in the past and wished "continuing success in your important mission for the future."

UNIVERSITY COLLEGE: STATESIDE

The increasing complexity of modern-day life, produced in part by the exploding rate of growth of man's knowledge, has strengthened the conviction that education is a lifelong process. This conviction has gained momentum

within the historical framework of the Land-Grant movement which has emphasized a balance between teaching, research, and service. Subscribing to this principle, the University through University College seeks to serve qualified adults by making the *research* and *teaching* talents of the University relevant to their life situations.

Specifically, University College is committed to the task of providing opportunities of higher education that stimulate the adult's intellectual life, promote his career, and develop his sense of individual and community responsibility.

Evening courses have been offered by various departments of the University since the 1920's. As mentioned earlier, University College was established in 1947 to administer the adult evening program. In addition to the main office at College Park and the three overseas divisions, there are other additional major administrative divisions of the College.

The Conferences and Institutes Division, established in 1952, has its headquarters in the new Adult Education Center. It offers conferences, institutes, short courses, and selective adult education programs at the College Park and Baltimore Campuses, and throughout the State of Maryland at the request of organized groups. These offerings are of a non-degree nature; however, under certain circumstances it may be possible to arrange special programs adaptable to degree requirements.

The College Park Evening Division was established in 1959 to serve adults in the College Park vicinity who are unable to attend daytime classes. This division began with an enrollment of 589 and 19 courses; during the past Fall semester 2,250 students registered for 115 courses. It is administered by the Evening Division director and staff from the Adult Education Center.

The Baltimore Division originated with a program of courses, primarily for teachers, in the mid-1920's. With the establishment of University College, the Baltimore program was incorporated into the College. This Division is administered by a director and staff with offices on the Baltimore campus at Lombard and Greene Streets. A broad program of credit courses is offered on the undergraduate and graduate levels. With a limited number of classrooms available, just over 1,900 students enrolled in 113 courses this past Fall. In addition, the Baltimore Division administers approximately 15 smaller centers located in the northeastern portion of the State where courses are offered for teachers, industrial personnel, military personnel, state and municipal employees, and prison inmates.

The County Program for Teachers has developed with the cooperation of county school superintendents, the College of Education, and University College. Courses have been offered in the following Maryland counties: Allegany, Anne Arundel, Baltimore, Calvert, Caroline, Charles, Dorchester, Frederick, Garrett, Harford, Howard, Kent, Montgomery, Prince George's, Queen Anne's, Somerset, St. Mary's, Talbot, Washington, Wicomico, and Worcester.

It can be said, then, that the Maryland campus has come to the student in uniform in just about any American overseas military installation. It has been serving the people of Maryland from the State's western tip to the Atlantic Ocean; from counties bordering on Pennsylvania to the mouth of the Patuxent River in Southern Maryland. This

* Now designated as "University College."



TACHIKAWA EDUCATION CENTER





A class surveys the Tripoli Museum of Archaeology.

has been made possible by the cooperation, planning, and work of many people: from the Board of Regents and the central administration of the University to the young instructor teaching at some remote installation in Korea, and especially by the hard-working American student.

This effort will continue in the future. With the aid of the new Adult Education Center, the services rendered the people of Maryland and the Nation will expand. It has been made necessary by our times and America's new role in world affairs.

OVERSEAS TEACHERS AND STUDENTS

What is it like teaching military personnel overseas? This question is frequently asked by persons interested in joining the Overseas Program faculty. One of the best answers was made during the earlier years of the European Division by Dr. Loren Reid, past chairman of the University of Missouri's department of speech and past president of the American Speech Association, when he recounted his overseas teaching experiences in the *Quarterly Journal of Speech*. His observations serve also to portray the overseas student in uniform.

After having attended his first European Division faculty meeting in Germany, he and about 40 of his colleagues boarded a little local train, and about six of them got off at Würzburg, an important junction point. The others left on various trains after thoughtfully filling Dr. Reid's ears with good advice and counsel; when they left he felt as a stranger in a foreign land as he stood on the platform of the battered station and surveyed the bomb damage. Eventually his train pulled in, looking as battered as the station; the engine leaked more steam than it used, but it was on time, and he was quickly at his new assignment—Nürnberg. He made his way without difficulty to the front of the station, and decided to ask where the Grand Hotel was. He stopped a passerby and on him poured out practically his entire stock of German: "Wo ist der Grand Hotel?" "Gerade aus," his informant grunted, pointing straight across the street. And there it was, clearly and plainly labeled. Anyone could have seen it. Dr. Reid confesses that his beginning certainly was not auspicious. The next day, the Education Officer of the local Army post told him that registration was good in his Monday-Wednesday evening class, but that since the Tuesday-Thursday class at Nürnberg had not materialized, a class had been arranged on those days at Bamberg, thirty miles away. This latter class was originally set up as a course in Political Science, but the Political Science professor had failed to materialize. He began to realize that he was the only University of Maryland professor in that part of the country. In fact, he was the University of Maryland, except for



American officers attend class in Germany.

a class in German, taught by a German national on a part-time appointment.

His Nürnberg class contained twenty students: two majors, three captains, a few lieutenants and sergeants, and seven or eight enlisted men. Today, there would be more enlisted men. Half a dozen members of the class were on the instructional staff of the Intelligence School located on the post. The chief of the section, a captain, enrolled in the course and persuaded his junior officers to do likewise. A captain from the Education Office was also there, plugging away toward his Maryland degree. Two American civilians had enrolled: one was in charge of post transportation, and the other had been a clerk at the war trials. The Bamberg class had about the same variety of people, but was smaller in size.

Dr. Reid clearly recalls that the first few minutes of the class seemed stiff and formal. The privates were overawed by the thought of making speeches in the presence of majors. The majors were embarrassed at the idea of enduring critiques at the hands of privates. In order to set both camps at ease Dr. Reid explained that the classroom was a part of the University of Maryland campus, that, for the three hours they were together, he would consider them all as scholars with a thirst for knowledge, that, as he was a civilian, he would follow his usual practice of calling them "mister" in class, and, as he became acquainted with them, by various other names outside of class. He went on to say that he proposed to start at the beginning: that no one knew anything, formally, about speech making; and that the critiques would not be focused on personalities, but on the topic, "How can the speaker present ideas in an interesting and effective manner?" This statement cleared the air a good deal. A round of impromptu introductions cleared it still more; and the adjournment for the coffee break gave every one a chance to talk at once. When the class was resumed, it was the general feeling that the course would work out all right. At least Dr. Reid felt more relaxed.

What were the speeches like? There were a series of short narrative speeches, mostly about previous civilian or military activities. A few of the students talked about their home towns, located all over the continental United States. Some had had amusing military experiences. There was a round of speeches in which the students talked about an aspect of their current military assignment. This shop talk was revealing to Dr. Reid and was enjoyed by the students. Perhaps they felt that the mission of the post was more important than they had realized. Dr. Reid observed that the students were older and wiser than students back home. He noticed their maturity in various ways. There were no speeches about dates and dating, though there were eloquent discussions of whether European girls made



Production management students visits an Okinawan factory.



Ceremony for 13 students who died in Munich air crash, 1960

good wives; half a dozen members of the group had married continental girls. No speeches were offered on football or school spirit, but a good many discussions were held on "What's the matter with France?" or "How can we improve Anglo-German relations?" or "Is the Schumann Plan working?" The students discussed good places to travel, and how to get the most for one's money. And, as one would expect in Germany, endless talks were presented on cameras and photography.

The students also showed their maturity in the casual way in which they struck up friendships with Dr. Reid. Undergraduate students are traditionally self-conscious about making a move that might be interpreted by their fellows as a bid for the teacher's attention. Dr. Reid's students were neighborly. One student said, one night after class, "Professor, we thought you might enjoy visiting the Intelligence School and having luncheon with the men." When he agreed, they made a date, and a sergeant called for him in a jeep. Another volunteer, "I'm in charge of transportation around here: if you need a car on official business let me know." One student escorted him through the Nürnberg Palace of Justice: the courtroom, the prison, and the hanging chamber. With others he attended an American football game in the vast stadium where Hitler used to harangue the Nazis.

Dr. Reid concedes that he may have overstated the pleasant features of the term. Two of the students did very poor work, and after conference he had to advise them to cancel their registration. Military duties, principally combat maneuvers, caused students to miss classes, and various expedients needed to be arranged to make up missed assignments.

To attend the three-hour session at Bamberg Dr. Reid needed to leave his hotel at five p.m., meet the class, and hold conferences afterwards. On nights when a cold European fog settled over the roads he would not get home until long after midnight. The preparation of lectures and other activities that would hold the attention of men and women tired from a long day on duty seemed to require a good deal of care. All in all, however, it was an experience that Dr. Reid states that he greatly valued.

And through the years, the tradition has held. The American College campus has been extended to the four corners of the world, tens of thousands of Americans have listened and learned, and experienced the challenge and the delight of learning. Year after year, instructional personnel have met the vagaries of weather, the challenge of time and distance, the discomfort of temporary quarters, and the inquiring minds of mature intellect. It has been a 15-year journey into uncertainty and opportunity—it remains a continuing journey to enlarge understanding and wisdom.



GREETINGS FROM AROUND THE WORLD

MARK 15th ANNIVERSARY OF OVERSEAS PROGRAM

The following letters and telegrams addressed to Dean Ray Ehrensberger and Dr. Mason G. Daly, Director of European Division, respectively, were received at University College's Heidelberg office, headquarters for the European Division.

Congratulations on your fifteenth anniversary. The educational opportunity made possible by the University of Maryland overseas to United States military personnel has been a significant contribution to the security of our nation. We are proud of you. An indication of the permanency of your contribution is reflected in the new center for adult education on the College Park campus.

J. MILLARD TAWES, *Governor of Maryland*

October 31, 1964, marks the 15th anniversary of the date on which the University of Maryland, in response to the request of the Department of Defense, established its European Division. Although the beginnings of this program in Germany were relatively modest, it now extends to four continents, offering its educational benefits to United States servicemen and women overseas virtually wherever they may be stationed anywhere throughout the world.

Not only here in Europe, but also during my service as commander-in-chief of the United States Far East Command, I have seen direct evidence of the great value of the University of Maryland's overseas program. It has permitted those who participate in the program to enrich their lives through widened horizons and to add to their qualifications through increased knowledge and broadened understanding.

Thus it has been of great individual benefit by enhancing capabilities which are of value in either military or civilian life. At the same time, since the effectiveness of an organization reflects the effectiveness of the individuals who comprise it, this program is making a most worthwhile contribution to the success of the United States Armed Forces serving overseas in carrying out their vital missions.

The enthusiasm with which the members of the United States military services have received the University of Maryland's overseas program is clear evidence of their appreciation of the opportunity it provides and the service it is rendering.

On behalf of all the men and women of the United States European Command, I extend warm congratulations to the University of Maryland on this important anniversary and on the years of achievement which it represents and best wishes for continued success throughout the years ahead.

GENERAL LYMAN L. LEMNITZER
Supreme Allied Commander in Europe

Please celebrate for all of us the 15th anniversary of the European branch. You and your staff have made a remarkable record. Congratulations to all of you from the University community and a personal salute.

WILSON H. ELKINS, *President of the University*

Heartiest congratulations to everyone connected with overseas schools University of Maryland fifteenth anniversary of establishment, foreign University of Maryland branches. Will be sharing observance in spirit recalling memorable visits to Heidelberg graduation ceremonies. Offer heartfelt prayers for continued success in all branches in foreign lands.

THEODORE R. MCKELDIN, *Mayor of Baltimore*

"The record of more than 200,000 USAFE off-duty students enrolling in Maryland courses over the past decade-and-a-half has contributed to new dimensions of understanding between the United States and our Allies. . . . The University provides USAFE officers and airmen with a broad basis of sound general education as well as the tools for a more thorough linguistic and cultural acquaintance with our host countries. . . ."

GENERAL GABRIEL P. DISOSWAY
USAFE Commander-in-Chief

. . . Since its beginning, the European Division has expanded its efforts in order to provide increasing opportunities for the troops of this command to complete or begin studies for a college degree. For the individual soldier this has opened important ways to improve his status in life, in both his military and post military careers. On a broader scale, the European Division has contributed to the will for excellence in the Army in the area of intellectual development. It has helped promote leadership by widening the horizons of military men in their understanding of historical, political and cultural problems.

It is reassuring to observe that the European Division continues to be responsive to the changing educational needs of this command. The recent introduction of special courses and programs to up-date their professional personnel and to increase the cultural understanding of the countries in which we live, are characteristic of your institution's foresight and educational leadership.

GENERAL PAUL L. FREEMAN, JR.
Commander in Chief, USA





THE FLYING DEAN

THE GREAT NAVIGATOR FERDINAND Magellan, the fictional Phineas Fogg, and Dr. Ray Ehrensberger, have something in common: an inclination to travel, preferably around the world. Magellan sailed for "gold, glory and God"; Fogg, on a bet with a deadline of ninety days; and Ehrensberger to oversee the vast overseas and stateside adult higher educational program of the University of Maryland.

Appointed Dean of University College in 1952, Dr. Ehrensberger has spent thousands of hours in aircraft, mostly military, visiting the approximately 200 scattered Maryland centers. Although he has lost count, he has made about 30 flying trips to Europe, a dozen to the Far East, and 14 trips around the world. He logged over 4,000 hours in propeller-driven airplanes, but hasn't kept a record since the advent of the jet because "jet hours don't mean so much." He estimates that over half of the hours logged were in military bucket seat jobs (bare essentials) and usually in small aircraft, such as the C-47. He has also flown in helicopters, bush planes, and an assortment of other single-engined aircraft.

With his main office located in the new Center of Adult Education at

the College Park campus, he maintains desk space in University College offices in Tokyo, Heidelberg, Seoul, and London. Indeed, Dr. Ehrensberger is away from his home in College Park, where he resides with his wife and two teen-age children, at least six months out of each year.

A Hoosier by birth, he earned his Bachelor's degree in Speech from Wabash College. This accomplishment, incidentally, was delayed, temporarily at least, by his participation in a host of extra-curricular activities. Since then he has taken an active interest in Wabash affairs. With a Master's degree in History from Butler University, where he financed his way by stoking a steam locomotive, and a doctorate in Speech from Syracuse University, and after several teaching assignments, he became Chairman of Maryland's Department of Speech.

As one newspaper feature writer observed, talking to Dr. Ehrensberger is almost like operating a computer machine. As you feed in the questions, he pours out the answers with lightning speed and accuracy. "A reporter interviewing him needs to be a shorthand expert or mental wizard with a photographic mind to keep pace with him." Despising pomposity and sham, he has what would seem

to an outsider an easy-going, winsome personality. This description would make those who work for him cringe. To them, he is extremely sensitive to his physical and human environment possessing the sometimes embarrassing ability to peel off irrelevancies and pierce the heart of a problem. A man of considerable creative originality, he has the sense enough to harness these ideas not only to the future of the University but to the task at hand.

Historians, although they may praise or condemn John D. Rockefeller on other matters, generally agree that one of his main attributes was his ability to pick the right man for the right job and then give that person authority, and also responsibility. Dr. Ehrensberger, on many public occasions, has stated that his staff represented the essence of the efforts and accomplishments of University College. Members of that staff are recognized as national leaders in adult education. For example, Dr. Stanley J. Drazek, Associate Dean, is currently the president of the National University Extension Association. This body is composed of over a hundred leading American and Canadian universities engaged in adult education.



A favorite Ehrensberger exclamation to his staff when they encounter frustrating problems is, "You never had it so good." In a good humored but, alas, abortive attempt to silence this admonition once and for all, the European Division Director, Dr. Mason G. Daly, invited the Dean to his apartment for dinner. In the meantime, Dr. Daly and his Heidelberg staff removed all the furniture from the Daly apartment. The Dean arrived at the appointed time to be greeted by bare walls and floors, thin soup, flat beer, and assorted administrators dressed in their worst.

Asked if he had ever been scared on his travels, he promptly replied that he had been "so damn many times—but who hasn't?" He has indeed had some close calls. For example, he was scheduled on a certain flight from Hawaii to Tokyo. Because his airplane to Hawaii from San Francisco was late, he missed his connection. The Tokyo-bound aircraft completely disappeared. On another occasion, he caught the wrong flight to Europe. The airplane on which he should have been went down off of Iceland. The *Washington Star* called his home for information to be contained in an obituary.

Any one who has ridden stripped-down military aircraft knows how uncomfortable they can be, even under normal conditions. But add to this a 55-below zero temperature. On a flight from Thule, Greenland, to Goose Bay, Labrador, the cabin heaters went out on the C-54 on which Dr. Ehrensberger was a passenger. Having passed the point of no return, the pilot flew on for seven hours. Fortunately, the Air Force had furnished all passengers with Arctic clothing, but it was still a frigid flight.

Turning from the Arctic to the Mediterranean for another close one, but with comic overtones, Dr. Ehrensberger was accompanied by an Air Force acquaintance on a flight from Athens to Tripoli. No other passengers were aboard. Smoke started pouring into the cabin. A crew member came back and announced that they were going to ditch. Properly strapped in, the traveling companions looked across the compartment to where their briefcases were located. The Dean said, "I've got a thousand dollars in green in mine." His friend said, "I've got a bottle of whiskey in mine." The Dean replied, "I'll trade you even." He later confessed that although he was a beer drinker, he felt that a bottle

of whiskey in a life raft was far more important than any one thousand dollars. The trade, however, was never consummated because the fire was brought under control and a safe landing made.

But such experiences are the exception. The long monotonous hours in the air and in waiting rooms are the rule. To describe this part of his job, Dr. Ehrensberger likes to borrow a phrase from Sergeant Shriver, "it is made up of equal parts of frustration and amoebic dysentery." Despite his protestations, it is difficult to believe that he does not obtain at least some enjoyment out of his nomadic way of life. Perhaps he has had to report at 3:00 a.m. to airline desks in terminals a thousand miles from nowhere with a bottle of Kaopectate in his hand luggage only to have the flights delayed for hours or cancelled. Yet, he has made a host of friends around the world who include the most famous names in each country. Also, he has the satisfaction of knowing that he heads a program lauded by statesmen and foreign scholars as being an American achievement from which the rest of the world has much to learn.



Which Girl is Miss Maryland Union?

Of these nine finalists for the title of "Miss Maryland Union" one was certain to be selected. Pictured from left to right were: Susan Coppage, Gail Duncan, Melody Shaub, Wendy Linzey, Lorraine Michelson, Donna Dye, Sheila Deitz, Eileen Aptaker and Rosemary Sisler.

But one finalist was not able to be present. She was Sandy Johnson, pictured to the right. She is shown dancing with William Erler, President of the Student Union Board, after she was named "Miss Maryland Union" at the annual Winter Wonderland Dance.



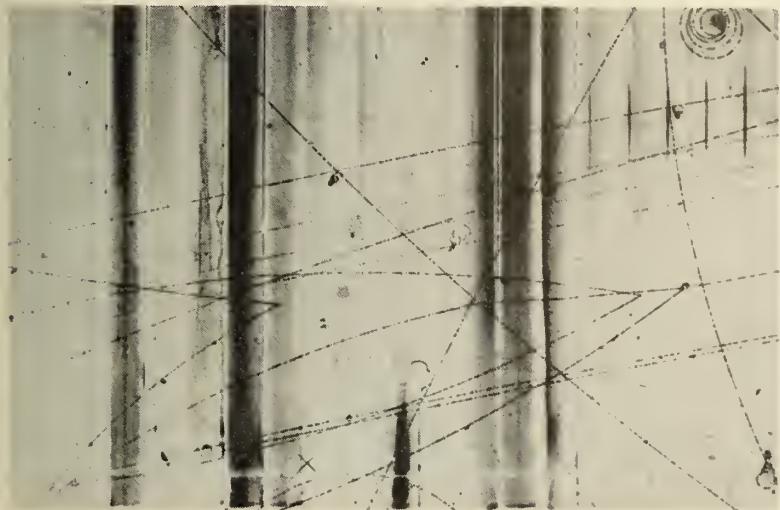


The Maryland Glee Club in performance with the National Symphony Orchestra at Constitution Hall.

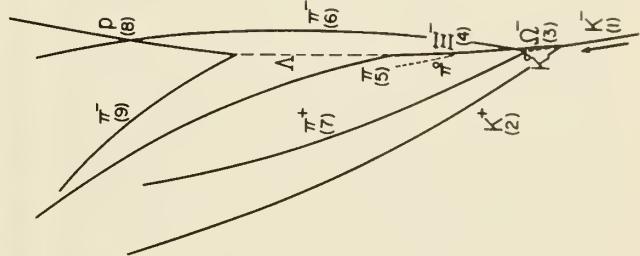


College women are participating in an experiment to determine the adequacy of minimized protein requirements of synthetic amino acids in wheat gluten

What's New at the University?



The photograph to the left is the fourth such observed of the decay of a sub-atomic particle. The diagram below indicates (1) a K-meson colliding with a proton (\bar{p}) which produces an Omega-minus particle and other particles. The work is the result of physicists at Maryland and the U. S. Naval Research Laboratory.



A pump-oxygenator machine replaces the pumping action of the heart and the oxygenating function of the lungs. It enables surgeons to directly visualize the area of concern. At University Hospital this device is made more reliable through the use of a stand-by emergency power and torque generator.



Don Dunphy



Frank Costello

Inside Maryland Sports

by Bill Dismar

Director of Sports Information

ALTHOUGH THE WINTER SPORTS SEASON IS HALF OVER, THE most exciting portions of the basketball, swimming and wrestling campaigns are still ahead for Cole Field House fans who will have three straight weekends of championship competitions available to them.

Highlighting the Atlantic Coast Conference season of swimming and wrestling will be the ACC swim meet scheduled for the Cole Field House pool February 25-26-27. The following week (March 5 and 6) all of the Conference wrestling teams will compete, while a week later the gym will be the scene of the NCAA regional basketball playoffs, with two games scheduled the evenings of March 12 and 13.

At this writing, Maryland figures to have the favorite teams in both swimming and wrestling, with the basketball team given only an outside chance of making the playoffs. Indeed, the Terp grapplers—under Coach Sully Krouse for the 18th season—are odds-on-choices to win their 11th straight ACC title, having entered the season with a string of 59 consecutive conference victories. Bob Stumpff, manager of the wrestling team who doubles as one of my student assistants, has a lot more to tell you about the grapplers further on.

Coach Bill Campbell's swimming team, whose only dual meet loss last winter came at the hands of co-champion North Carolina by ONE point (a half yard separated the Terps from beating the Tar Heels in the last event) appears strong again. Campbell's team subsequently won the conference meet at Chapel Hill to tie Carolina for the championship. Linn Hendershot, my other student assistant who also manages Maryland's baseball team, will have more details on this later in this article.

The NCAA regional basketball playoffs take place the week after the ACC tournament at Raleigh. Incidentally, the Atlantic Coast Conference champion this year draws a bye and will not be forced to play in the preliminaries the first part of the week, automatically qualifying for the two-night tournament here.

Although it went to Florida for the Hurricane Classic tournament at Miami right after Christmas with a 3-4 record, Coach Bud Millikan's basketball team, with a little luck,

could have been undefeated at the time. Two of its four pre-Christmas losses came in overtime, another by two points and the other by one. By the same token, Maryland had a little luck of its own, winning two of its victories by one and three-point margins before shellacking Wake Forest by 18.

Millikan was getting considerable help from a trio of sophomores one of whom, Jay McMillen of Mansfield, Penna., was giving the junior Gary Ward a hot race for individual scoring honors. McMillen's 26 points against Penn State in the opener and again against Kansas in the seventh game were high for the early December games, and his 142 points (20.3 average) were only three behind Ward (20.7 average).

Joe Harrington, a good-looking, well-built youth from Phippsburg, Maine, moved into the center spot in the sixth game and was the team's third leading scorer as it disbanded for a short Christmas recess. The squad reassembled on December 26, the day before it took a jet down to Miami for the tournament involving Tulsa, Yale and Miami.

Filling out the starting five were the juniors Neil Brayton and Mike DeCosmo at guards. Brayton started off the season with a tremendous feat, sinking a shot from near mid-court which turned an apparent one-point defeat at the hands of Penn State into a 72-71 opening-game triumph.

Been paying much attention to freshmen basketball? Coach Frank Fellows' team won five of its first seven games and there are stories of three individuals on the team which are rather interesting. For one thing, Maryland's first two Negro basketball recruits, Julius Johnson of nearby Seat Pleasant and Billy Jones of Towson, are two of the three top scorers. Johnson, a six-footer from Fairmont Heights, was just one point shy of a 20-point average, and his 29 points against the George Washington freshmen was the high game for the first seven. Incidentally, the Baby Terps piled up their highest score, 111 points, against the GW yearlings. Jones was averaging 17 points after seven starts.

Less publicized and lesser-known is the background of the smallest man on the squad, 5-foot-9 John Avery of Youngstown, Ohio (the same city which gave the varsity Neil Brayton). Avery starred his first two years in high school and seemed all set for a big senior year, when a routine X-ray after the team's first game revealed a collapsed lung. Avery spent two weeks in the hospital and most of the winter resting, but he did come back to play the last five games of the season with his Chaney High team which won the sectional championship. He was running second to Johnson in scoring at year's end, with an 18.1 average.

The frosh play 6:15 preliminaries to each of the varsity's home games, and if you haven't seen them, they're worth a look. They'll be playing the Virginia frosh (one of two teams which has beaten them) on February 17, the Catholic and American U. yearlings on February 23 and 26 and wind up with a big one—against the perennially powerful DeMatha High five on the 27th.

With the exception of the dual meet with Navy at Annapolis in mid-January, Coach Jim Kehoe's track team doesn't appear in this area during its winter season, but it is scheduled for three dual meets and seven federation or conference meets through March 5. Toronto and Baltimore are the other teams it will face in dual competition.

Twenty-five returning lettermen give Kehoe hopes that Maryland's colors will fly high at such meets as the Millrose games in New York (January 28), Boston A.A. games (January 30), Philadelphia Inquirer games (February 5), V.M.I. Relays (February 6), New York Athletic Club meet (February 11), A.A.U. in New York (February 20), New York Knights of Columbus meet (February 25), the Atlantic Coast Conference meet at Raleigh (February 27), I.C.4A meet in

New York (March 5) and the Track & Field Federation meet in Detroit (March 15).

Incidentally, Maryland has won the ACC meet 10 of the 11 times it has been staged, North Carolina winning the other time.

Maryland was leading in competition for the Carmichael Cup, symbolic of athletic supremacy in the ACC, following the football, soccer and cross-country seasons. Coach Doyle Royal's soccer team, which finished with an overall record of 8-2, swept four ACC opponents for its 12th consecutive conference title, and the cross-country repeated as conference champ. The football team's surprising finish in a three-way tie for third place added a few more unexpected points. Last year, Maryland lost the cup for the first time since it was put into competition—by half a point.

As for the swimming team, read what Linn Hendershot has to say:

Swimming at the University of Maryland is becoming quite the thing as the Terps continue to roll. One of the key men on Coach Bill Campbell's team is senior Donald Dunphy.

"Doc," as he is called by his teammates, hails from Newburg, New York. According to Coach Campbell, "Doc" has developed from an average high school swimmer to an excellent college swimmer. His hard work and desire have helped him establish a Maryland varsity record in the 200-yard butterfly, he is a member of the Maryland varsity 400-yard Medley record breakers, and held the 200-yard backstroke record until recently.

Besides being a standout swimmer, "Doc" is also a standout student. He is a member of three honoraries, Omicron Delta Kappa, Phi Kappa Phi, and Phi Alpha Theta. He was also chosen to Who's Who at Maryland, a member of the Varsity M-Club, on the ACC Honor Roll for the last three years, on the Dean's list for the last two years, and carries a 3.5 academic average into his last year.

"Doc" is a history major with a science minor. He plans to enter the Penn State School of Optometry in Philadelphia next fall.

The University of Maryland salutes Donald "Doc" Dunphy.

Maryland's wrestling team has most of its meets during the second semester. This should prove advantageous to the Krousemen, since two new faces, those of All-American Tim Geiger and sophomore Steve Sauve, will be seen by Terp opponents. Both grapplers sat out the first semester because of eligibility rules.

Providing the Terps lose no more men via the injury route, they should be tougher the second half of the season. Lost for the season was their classy, 123-pounder, Tom Schleicher (Allentown, Pa.) with a shoulder injury in the opening match with Army. He underwent surgery just before the Christmas vacation.

Maryland's starting lineup for the rest of the year will include the following: 123—Jim Arnoult (Wheaton, Md.) or Tom Norris (Silver Spring, Md.), 130—Milt Thomas (Lewistown, Pa.), 137—John Henderson (Lewistown, Pa.) or Kent Webster (Honesville, Pa.), 147—Tri-Captain Nelson Aurand (Lewistown, Pa.) or John Bertinatti (Teaneck, N. J.), 157—Tri-Captain and All-American Bob Kopnisky, 167—Amando Soto (Union, N. J.), or Steve Sauve (Mechanicsburg, Pa.), 177—Bob Karch (Mill Hall, Pa.) or Tri-Captain and All-American Tim Geiger (Kensington, Md.), HVW—Olaf Dzodov (Pennsville, N. J.).

The Terrapins have three Atlantic Coast Conference meets left. They are N. C. State, Duke, and North Carolina. On December 17, the Krousemen recorded their 51st consecutive

ACC win with no losses against Virginia by a 25-2 score. Virginia, expected to be the Terps toughest ACC opponent this year, couldn't even register a single win, only a draw at 123 pounds.

The Red and White also have to contend with perennial Eastern and national mat powers: Navy, Pitt, and Penn State. The Terps never have beaten Pitt nor Penn State but this could be the year since it won't be hard to get up for them since both of these battles will be fought in Pennsylvania by Maryland's Pennsylvania-dominated team. Navy invades Cole Field House Saturday, Feb. 13 at 8:00 P.M. The Krousemen will be seeking revenge for last year's 23-9 shellacking at the hands of the Middies. This was Ed Peery's first win over a Krouse-coached team, and Maryland's first loss to Navy since the 59-60 season.

On March 5-6, Cole Field House will be the scene of the 11th annual Atlantic Coast Conference Wrestling Tournament. The Terp matmen of Coach Sully Krouse own 11 ACC titles. Maryland's returning champs include Nelson Aurand (157), Tim Geiger (191), John Henderson (137), Bob Kopnisky (147), and Amando Soto (167). Schleicher would have been the returning 115-pound champ.

The last weekend in March, 25-27, the NCAA Championships will be held at the University of Wyoming. Last year Maryland sent four men to Cornell University and returned to College Park with three All-Americans and place winners. They were Marshall Dauberman (177), and Tim Geiger (167) fourth; and Bob Kopnisky (157) fifth. The team finished with a national ranking of ninth—the best ever in Maryland history. This year could be the Terps best showing yet if allowed to enter a full team.

As the days grow longer, the talk of baseball already fills the air at Maryland.

Coach E. S. "Jaek" Jackson features an excellent varsity, a good crop of Freshmen, and a white haired man named H. L. Stevens, known as "Whitey" to the boys.

"Whitey" will be handling the Maryland Frosh this year. "Whitey," a retired government worker, has been involved with baseball for many, many baseball campaigns.

Coach Jackson and Coach Stevens are hoping to make 1965 the year for the beginning of a Terp reign in the Atlantic Coast Conference.

The Terp Track Team is now in the midst of the 1965 Indoor Track Season. Two of the key men on Coach Jim Kehoe's team are sprinter Steve Lamb and sophomore high jump sensation Frank Costello.

Steve Lamb, a senior at Maryland, will be out to better his 440 and 220-yard dash marks of last year. Steve, a Baltimorean, ran the 440 in 47.5 and the 220 in 21.1.

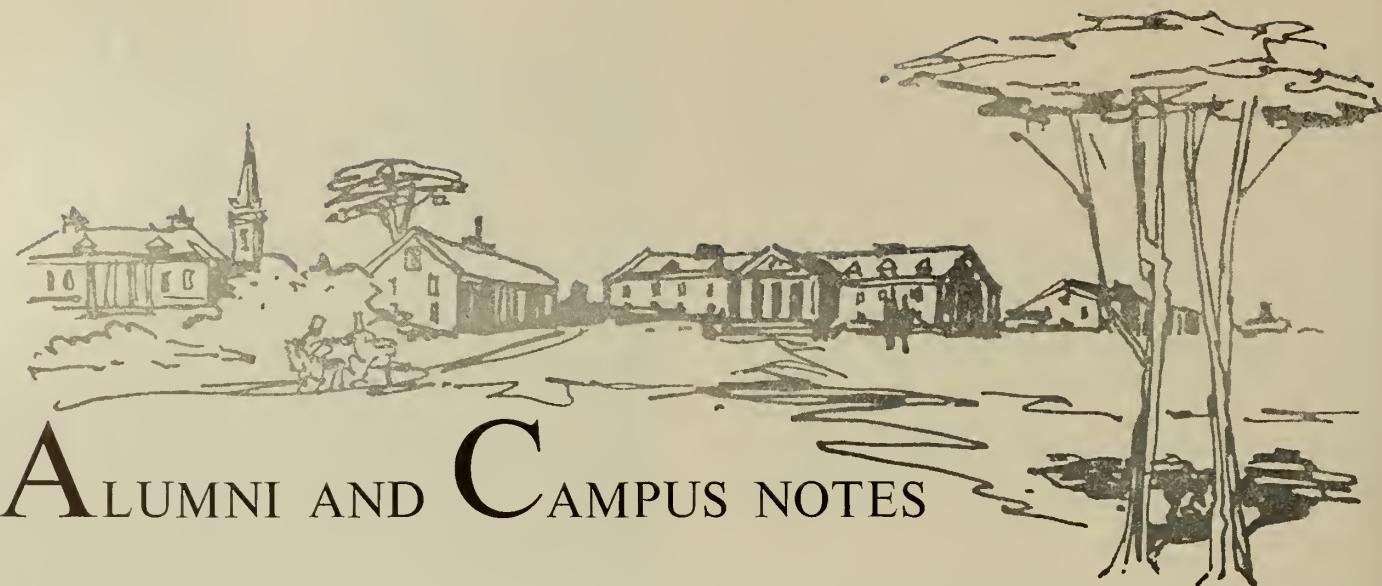
After graduation, Steve hopes to go on to graduate school or to law school. He is a member of the American Marketing Association and Zeta Beta Tau fraternity.

The 21-year-old sprinter looks to be a key factor in both the dashes and the relays.

Another youngster who has people buzzing is a fantastic sophomore from Union, N. J., Frank Costello. As a senior in high school, Frank was ranked as the best high school high jumper in the East.

As a frosh, Frank jumped 6'8 $\frac{3}{4}$ " and early this year cleared 6'9 $\frac{1}{4}$ ". The fantastic leaper will be hoping to clear the bar at seven feet or better this season.

Frank, a Physical Education major, was graduated from Union High School, and was coached by Paul Corrigan. He set a New Jersey record by leaping 6'6 $\frac{3}{4}$ ". The old record was held by Milt Campbell of Plainfield, N. J. Campbell was the Olympic Decathlon Champion in 1956.



ALUMNI AND CAMPUS NOTES

UNIVERSITY CALENDAR OF EVENTS

FEBRUARY

- 1 Swim Meet, Duke, Home
- 4 Engineering Alumni Annual Mid-winter Banquet
- 2-5 Spring Semester Registration
- 5 Swim Meet, V.M.I., Home
- 5 Alumni Club of Greater Baltimore Oyster Roast
- 5 "M" Club-sponsored pro basketball, Bullets vs. Warriors, Alumni Coffee Hour following
- 11 The Romeros (Classical and Flamenco guitarists)
- 8 Spring Semester begins
- 12 Alumni Council meeting with deans

- 13 Wrestling, Navy, Home
- 15 Swim Meet, South Carolina, Home
- 16 Swim Meet, Clemson, Home
- 17 Basketball, Virginia, Home
- 18 University Chamber Orchestra Concert
- 22 Washington's Birthday, Holiday
- 23 Basketball, Duke, Home
- 25 National Symphony Orchestra Concert
- 25-27 A.C.C. Swim Meet, College Park
- 26 Basketball, Clemson, Home
- 27 Basketball, South Carolina, Home

MARCH

- 3 University Concert Band Concert
- 11-14 UT, "Knight of the Burning Pestle"
- 12 Boston Pops Orchestra
- 18 University Opera
- 25-27 Aqualiners, "Disneyland"
- 26 Alumni Club of Greater Baltimore dinner and lecture, continuing education program

APRIL

- 1 National Symphony Orchestra Concert

New Jersey Dental Alumni

The annual meeting of the New Jersey Alumni Society of the Baltimore College of Dental Surgery, University of Maryland Dental School, was held at the Newarker Restaurant, Newark, New Jersey.

The business meeting was conducted by the President, James F. Mahon, '51.

Officers who will serve for the coming year are: President, Jack M. Eskow, '33; Pres.-Elect, Richard Cabana, '57; V-Pres., Saul M. Gale, '22; Treas., Samuel H. Byer, '27; Secretary, John J. Daub, '51 and ex-officio James F. Mahon, '51.

Trustees for the Fridberg Memorial Fund are Edmund Bohne, '41; John J. Cirillo, '52; Bernard DeHosson, '47; Alfred Rapuana, '57; Paul Torre, '51 and Elwood Snyder, Jr., '57.

The Executive Board is comprised of H. Milton Cooper, '36; Gerard A. Devlin, '23; Alan A. Gale, '50; Robert

J. Jernick, '50; George Reusch, '41 and Elwood Snyder, Sr., '31.

Dr. Frank J. Houghton, '17 of Belleville, N. J., was honored on his retirement after thirteen years as dean of the Loyola University School of Dentistry, New Orleans.

Dr. John J. Salley, Dean of the Dental School, Baltimore, spoke on the plans for the new dental school and showed slides of the present facilities as well as the progress being made on the entire Baltimore campus.

The National Alumni Association was represented by Dr. Calvin J. Gaver, '54. Dr. Joseph P. Cappuccio, '46 addressed the group on the role the alumni plays in maintaining the outstanding reputation of the school, as well as the University of Maryland.

Law Alumni in the News

University of Maryland Law School graduates have made state and national news within the past few months, focus-

ing attention not only upon themselves and the offices to which they have been appointed or elected, but also upon their alma mater.

Joseph D. Tydings, LL.B. '53, was elected United States Senator in the November election, joining Daniel B. Brewster, LL.B. '49, in that body.

Governor J. Millard Tawes recently announced the appointment of Judge Wilson K. Barnes, LL.B. '31, Associate Member of the Supreme Bench of Baltimore City, to fill the vacancy on the Bench of the Court of Appeals of Maryland.

Judge Barnes was awarded his law degree from the University of Maryland School of Law in 1931, and was admitted to the Bar the same year. Prior to his appointment to the Supreme Bench, Judge Barnes was a member and secretary of the Maryland State Board of Law Examiners.

Charles M. Mathias, LL.B. '49, was elected Congressman from the Sixth District of Maryland.

Harry T. Phoebus, Jr., LL.B. '51, has been named to the Maryland Senate seat vacated by the death of his father, State Sen. Harry T. Phoebus, Somerset County Republican who died November 30, 1964.

Somerset County's new senator, born at Oriole, as was his father, attended public schools of the county and Charlotte Hall Military Academy. He was graduated from the University of Maryland and from its law school in 1951, when he began practicing law.

He spent 2½ years in the Adjutant General's Office of the Army and holds a reserve captain's commission.

In private law practice in Crisfield since 1954, the younger Phoebus is attorney to the county commissioners and county board of education. He belongs to the Asbury Methodist Church, Rotary Club, Junior Chamber of Commerce, American Legion, Elks, Fire Department, and Farm Bureau.

He married the former Janet Riggan of Crisfield in 1961.

The late senator's other son, I. Theodore, clerk of Somerset County Circuit Court, gave his brother the oath of office.

The following Judges were elected to 15-year terms to the Supreme Bench of Baltimore City: Wilson K. Barnes, LL.B. '31; J. Harold Grady, LL.B. '42; Charles D. Harris, LL.B. '33.

John A. McGuire, LL.B. '48 was elected to a 10-year term as Judge, Municipal Court of Baltimore City.

Howard Crist Appointed to Replace Abe Gottwals

Howard G. Crist, Jr. was appointed Agricultural representative on the University of Maryland Alumni Council, filling the vacancy left by the untimely death of Abram Gottwals.

Mr. Crist is a 1940 graduate of the University's School of Agriculture and was Director of Feed Distribution for Southern States Cooperative, Inc., Richmond, Va., for 11 years. He served as a naval officer during World War II.

He is now engaged in an agricultural retail business at Sykesville and Ellicott City. Mr. Crist has been active in local civic affairs, is a Director of the Agriculture Alumni Association of the University and Legislative Chairman of the Howard County Farm Bureau.

Mr. Crist resides with his wife and family on Burnt Woods Road near Glenelg. Mrs. Crist is currently President of the Board of Education, Secretary of the Maryland Association of Boards of Education and a member of the Advisory Council of the Catonsville Community College.

They have two sons, Howard, who is serving the Army, and Douglas, who is a senior at Glenelg High School.



Dr. Daniel Swern Receives Food Chemistry Award

Dr. Daniel Swern, Ph.D. '40, Philadelphia, Pa., has been named the recipient of the 1964 Charles F. Spencer Award. The award has been made annually since 1955 for distinguished achievements in agricultural and food chemistry. The Spencer Chemical Division, Gulf Oil Corporation, is sponsor of the award.

The Charles F. Spencer Award was established by the late Kenneth A. Spencer, who was the founder of Spencer Chemical Company, in memory of his father in 1955. The award, which consists of a bronze medallion and a \$1,000 honorarium, is administered by the Kansas City Section of the American Chemical Society.

The award was presented to Dr. Swern at the annual Kansas City Chemistry Conference held November 19 on the campus of the University of Missouri at Kansas City. At that time, he delivered an address entitled "Epoxidation—An Up-to-Date-Appraisal."

Dr. Swern is Senior Research Investigator, Fels Research Institute, School of Medicine, and Professor of Chemistry, College of Liberal Arts, both at Temple University in Philadelphia.

Much of Dr. Swern's career has been devoted to research work with the fundamental organic chemistry of fats. Important industrial developments stemming from this work have benefited agriculture through extensive utilization of agricultural products.

He is the author or co-author of 155 publications and 56 patents. Dr. Swern is presently writing a series of books on Organic Peroxides and has just completed a book on Industrial Fat Chemistry.

A previous winner from Maryland was Dr. E. V. McCollum, Professor Emeritus of Johns Hopkins University.

Alumnus Appointed to Key Space Post in Paris

The appointment of a NASA representative in Europe to advance cooperative space interests has been announced by the National Aeronautics and Space Administration.

Gilbert W. Ousley, Engr. '54 & M.S. '58, formerly special assistant for international program activities at the Goddard Space Flight Center, will take up his new duties this month. He will be attached to the U. S. Embassy in Paris as NASA representative under the direction of the Office of International Programs.

Ousley will handle NASA relations with Western European regional and national space organizations in cooperative projects and other joint space science activities. He also will serve as a point of contact for scientific and technical information of space activities here and in Europe.



Assignment of a NASA representative in Europe reflects the growing importance and volume of the agency's international programs in that area. Joint projects for scientific satellites engineered and financed in Europe and to be launched by NASA are underway in England, France, and Italy. An agreement recently was reached between NASA and the nine-country European Space Research Organization for two additional satellite projects. Other joint projects to date have involved 69 different countries in cooperation with NASA.

Ousley is a native of Washington, D. C.

Prior to his appointment, Mr. Ousley was in charge of International Programs

at the NASA Goddard Space Flight Center, in Greenbelt, Md., a position he held since late 1961. He joined Goddard in 1959 and served as head of the Structure and Systems Integration Section in the Center's Spacecraft Systems and Projects Division. Before joining the NASA, he worked at the Naval Ordnance Laboratory as a Missile Design Engineer.

He presently is writing a thesis on "Dynamic Stresses in Thick-walled Cylinders" as the last requirement for a doctorate in Mechanical Engineering.

Alumnus Studies W. Virginian Industrial Re-development

Subramaniam Moryadas, A&S '63, research associate in the Department of Geography, is now doing research to determine the best locations in West Virginia for industrial development and for the development of public facilities.

While campaigning in West Virginia during the 1960 presidential primaries, the late President John F. Kennedy became concerned by the economically distressed conditions of numerous W. Va. communities. Following his election, Kennedy appointed a Presidential Task Force to review the problems of depressed areas and to suggest suitable legislation. This resulted in the Area Redevelopment Act.

One of the fundamental ideas behind this Act is that it is better to bring jobs to the people than to expect people to move. Relocation of people has numerous inherent problems. Professional people can move long distances and easily adapt to new situations. However, the working class cannot migrate as easily. When they move, they face technological changes and are rejected as unskilled laborers unable to meet new job requirements. Unable to find employment they group together, settle in ghettos and give birth to slums. Using a limited budget to aid all depressed areas (over 1000 counties of the United States) little beyond maintaining an area's subsistence can be accomplished. After a four-year period of experience with the working of the program, the appropriate government agencies are now thinking of designating certain areas as "growth centers."

Extra (bonus) assistance will be given to these centers and it is hoped that the benefits will pervade over the neighboring areas. Those areas that have grown in the recent past and appear to have prospects for further growth will be designated as "growth centers."

Moryadas hopes to determine the locations of these growth centers in W. Va. Using the concepts and oper-



Mrs. Meriwether L. Roylance, Quince Orchard, Gaithersburg, turns over call letters W3FRZ along with amateur radio equipment and supplies to, left, Dave Dorn, President of the Amateur Radio Society, and Professor Kenneth Guy, Industrial Education Division.

W3FRZ Stays on the Air

Call letters W3FRZ originating at the University of Maryland in 1936 recently returned to the site of their inception when Mrs. M. L. Roylance, knowing the love her late husband had for his chosen hobby and the University of Maryland, presented major items of radio equipment to the Division of Industrial Education.

Receiving the equipment on behalf of the University's Department of Education was Professor Kenneth Guy. Representing the University of Maryland Amateur Radio Group was Dave Crone, president.

Items ranging from a single band transmitter and amplifier; a late model NC 303 receiver; a kilowatt CW transmitter and a 10 and 20 meter beam tower to microphones and "junk" boxes on which students can repair or construct additional equipment were among the valuable equipment Mrs. Roylance

presented. Most of the equipment is presently housed and operating under University of Maryland Call letters W3EAX in the Amateur Radio Shack on campus, while other items are being utilized in the Industrial Education Laboratory.

Roylance, who headed the University's amateur radio society in 1936-37, continued his hobby until his death in October, and most of the equipment donated had been constructed by him in his home workshop. Long active in amateur radio circles, Mr. Roylance was president of the Potomac Valley Radio Club at the time of his death.

Mr. Roylance had worked as an electrical engineer since 1939 in the Washington area and at the time of his death was an engineer with the Electronics Division of the Bureau of Ships working on satellite communications systems for the Navy.

as was the situation in the wild west," insists Moryadas. "Area redevelopment can aid in the transformation from the would-be ghost towns into modern communities centered around industrial parks."

"When jobs are brought to the people, entire situations and conditions change. Disposable income increases as people resume employment. Services and products are made available to meet new demands. As a modernistic town is established, local levels of living rise."

Area redevelopment can be one of the most valuable programs for domestic redevelopment and foreign aid programs. Constructive criticism, however, can only be evaluated after sufficient funds are granted to propel the program.

"We have studies," declares Moryadas, "we now need experiments to determine its success." GINA FERRARO

ational techniques of location theory and industrial location analysis, he plans to simultaneously determine growth centers and specific possibilities for further growth in each of these centers.

The desired form of conclusion is the identification of lists of inter-related industries that can be established as "industrial parks" in several locations in West Virginia.

Area redevelopment problems exist in many countries. West Virginia is a classic problem area containing most of the elements of depressed area problems that exist also in other parts of the United States and Western Europe. By studying the problems and results of redevelopment programs in West Virginia the understanding of underdevelopment in general becomes facilitated.

"We should not leave ghost towns throughout the state of West Virginia

Officer's Suggestion Achieves Saving of Jet Fuel Consumption

A suggestion by a U. S. Air Force officer from Fresno, Calif., Lieutenant Colonel Fay G. Adams, Mil. Sci. '55, is expected to save the Air Force more than one million dollars during fiscal year 1965.

Colonel Adams, a KC-135 aircraft commander and an operations staff officer at Moron AB, Spain, recommended the omission of a 15-minute "lapse" period allowed each flight for refueling operations.

Original planners of KC-135 refueling operations scheduled a 15-minute lapse to allow the aerial tanker to await the receiver aircraft and to permit deviations in the latter's flight plans. Colonel Adams suggested omitting the 15-minute orbit of the aircraft in the refueling area with a resultant savings of approximately 500 gallons of jet aircraft fuel.

Records kept by the Colonel showed that capabilities of Strategic Air Command (SAC) aircraft to follow precise flight plans permitted the KC-135 tankers to arrive consistently in the refueling area at the same time as the receiver aircraft. He observed operations of the jet aerial tankers for more than a year to back up his million-dollar idea.

A special Air Force team verified the fact that his suggestion would save more than \$412,000 annually at Moron. Colonel Adams has been recommended for a substantial cash award through the Air Force military suggestion program.

Colonel Adams has been at Moron since July 1962 and has been in SAC aerial tanker operations five years.

Colonel Adams, a graduate of Tehachapi, California, Valley Union High School, has B.S. and M.S. degrees from the University of Maryland. A veteran of more than 23 years' service, he was commissioned upon completion of the aviation cadet program in 1944 and served in North Africa during World War II. He has more than 11,000 hours of flying time in military aircraft.

UNESCO Official Becomes University Administrator

Fresh from the world of international diplomacy and global planning, Ralph W. Ruffner, Educ. '35, is back among his chosen people in the smaller world of a university community.

The 50-year-old native of Washington, D. C., is the new vice president for student affairs and area services at Southern Illinois University. It is a dual responsibility and involves two major campuses, but the versatile Ruffner is



The O'Neill family. Standing left to right: Richard, Jr., 14; Mary, 16; Col. O'Neill; and Theresa. Seated left to right: Patricia, 10; Laura, 6; Mrs. O'Neill; Dorothy, 6; and Michael, 13.

Alumnus is Awarded the Legion of Merit

Col. Richard James O'Neill, A&S '39, Secretary of the Infantry School, was recently awarded the legion of merit in ceremonies at Ft. Benning, Georgia.

Col. O'Neill was cited for his work from September 1961 to July 1964. In successive assignments he was battle commander, 1st Battle Group; group commander, 4th Battle Group, 23rd Infantry; Commander, 172nd Infantry Brigade, Fort Richardson; and plans and operations officer, U. S. Army, Alaska.

The citation commended the organizational work by Col. O'Neill which contributed to the success of Exercise "Great Bear," Exercise "Timber Line," and Joint Combined Exercise "Polar Siege." The citation included Col. O'Neill's work in directing the conversion of the U. S. Army Alaska to the ROAD (Reorganization Objective Army Division) concept and his work in assisting the Anchorage, Alaska, community after the recent earthquake.

In previous overseas assignments, Col. O'Neill served in the British West Indies

accustomed to that. In his most recent assignment before joining Southern's executive staff he was the U. S. deputy permanent representative to UNESCO, in Paris, while at the same time serving as first secretary at the American Embassy there.

Ruffner received his bachelor's degree in English and mathematics from the University of Maryland and his master's degree from George Washington

and Vietnam. He was commissioned in June 1939, upon completion of the ROTC program at Maryland. While at the University of Maryland, he was vice president of Kappa Alpha Fraternity, varsity manager of lacrosse and active in numerous campus activities. He also holds an M.A. degree in 1961 from George Washington University, where he majored in international affairs.

Mrs. O'Neill, nee Sophia Hoenes, is also a graduate of University of Maryland, Class of '38. She was a member of Alpha Omicron Pi and a Cheerleader. Their daughter Theresa (Alaska's Junior Miss, 1962) is currently a sophomore in the College of Arts and Sciences. Besides Theresa, Col. and Mrs. O'Neill have six other prospective University enrollees—Richard Jr. 14, Mary 16, Michael 13, Patricia 10, Laura and Dorothy aged 6.

Col. O'Neill currently is serving as the Administrative Executive for the assistant commandant and chief of the Academic Staff for the Army's Infantry School at Ft. Benning.

University, in 1940. Holder of an Army Reserve commission, he "went on active duty for two weeks and got out six years later."

After 42 months overseas, most of it with the 5th Infantry Division, Ruffner came home with a bronze star, the Croix de Guerre and the rank of lieutenant colonel. He now is retired from the Army Reserves.

Southern's new vice president ac-

quired his doctorate at George Washington University, rose to the academic rank of professor in 1952 and became assistant dean of education there in 1954. Two years later he accepted the first of a series of overseas appointments which took him to India as chief educational officer for the U. S. foreign aid program and by 1959 he was directing the worldwide education program of the International Cooperation Administration. Then followed the UNESCO and State Department assignments in Paris.

Ruffner first heard of Southern as a "fast growing, dynamic school," from a former ICA associate, Robert Jacobs, who joined the university staff in 1962 as coordinator of international programs. He was interviewed by a group of SIU officials and accepted the offer to return to campus life. "My wife was anxious to get back to the midwest and we both were ready to settle permanently," Ruffner said. "Our oldest girl had been in nine different schools in nine years."

The Ruffners plan to locate in Edwardsville. He will maintain offices however on both the Edwardsville and Carbondale campuses and direct the activities of his departments from either headquarters. Ruffner said he viewed his work as complementing the University's academic program, "which is the heart and core of any university."

After three weeks on his new assignment, Ruffner said he was still primarily engaged in visiting the departments and offices under his command and "enjoying the friendliness of the people of Southern Illinois."

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Seven Receive Harvard Degrees

Seven University of Maryland alumni received degrees from Harvard University in Cambridge, Mass., recently:

Charles F. Austin, UC '58—Doctor of

Business Administration

Ross H. Beville, Jr., Engr. '62—Master in Business Administration

John A. Eichler, BPA '57—Master of Law

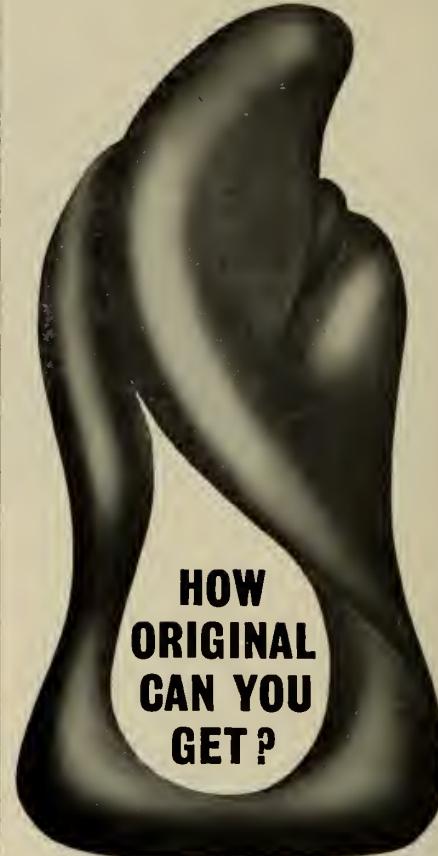
Brian A. Hazlett, A&S '61—Ph.D.

Donald N. Streeter, Engr. '50—Ph.D.
James Turnbull, Engr. '38—Master of

Public Administration

June L. Walker—Master in Business Administration

John W. Dorsey, BPA '58, Ph.D.



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Carroll County Agent Retires

An alumnus who has often been called "Mr. Carroll County" retired August 31 after 37 years with the Maryland Cooperative Extension Service.

Landon C. Burns, Agr. '23, who has seen Carroll County turn from a purely agricultural countryside when he was appointed County Agent in 1927 to more and more urbanized community, will pass his guiding reins to other agricultural leaders at the end of the month.

A Virginian by birth, Burns came to the University's College of Agriculture after one year at Virginia Polytechnic Institute, Blacksburg. He earned a B.S. degree in Agricultural Education and spent four years establishing Vocational Agricultural programs in the Thurmont and Emmitsburg High Schools in Frederick County. During these years, he attended Columbia University earning a M. S. degree in Rural Sociology in 1927.

Burns drew on his first 21 years of experience on a northwestern Virginia farm to develop programs for rural people. Under his leadership and guidance, local agricultural organizations planned and built the Carroll County Agricultural Center in 1954-55. When a match was put to the mortgage in March of 1961, Mr. Burns called it, "a dream fulfilled."

Because of good working relationships with individuals and organizations in the county, Burns was able to spearhead a drive for "a place where farm meetings could be held." Three years of missionary work led to the purchase of a site and formation of a corporation to handle the business of designing and building. The center is now used regularly by agricultural, civic and 4-H groups.

Believing that organized agriculture is the chief hope of the American farmer, Burns was untiring in promoting agricultural industries in Carroll County. He was particularly successful with winter meetings as a tool used to promote a better cropping system to feed the large livestock population of the county, in establishing livestock testing programs, and in encouraging better soil and water conservation practices. His success with meetings, tours and demonstrations is based on careful planning and good working relationships with mass news media.

Mr. and Mrs. Burns, who live at Westminster, are the parents of one son, Landon Jr., a Professor of English at the University of Pennsylvania.

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Through The Years

1920-1929

JAMES E. DINGMAN, Engr. '21, Executive Vice President of A.T.&T., has been nominated by the company as candidate for election to the Board of Directors of the Communications Satellite Corporation.

Mr. Dingman began his Bell System career with Western Electric Company in 1922 and held various managerial positions with Long Lines before becoming Vice President of Bell of Pennsylvania in 1949. He later held executive posts with Bell Telephone Laboratories and Long Lines and in 1959 was named Vice President and Chief Engineer of A.T.&T. Mr. Dingman became Executive Vice President in 1961.

MILDRED WIMER, Educ. '28 and a member of Kappa Kappa Gamma, is married to Capt. R. B. Heilig, U.S.N. (Ret.), a graduate of the U. S. Naval Academy, class of '31.

The Heiligs are currently living in La Jolla, California, where they are in the brokerage business.

The Drexel Institute of Technology Alumni Varsity Club honored HERMAN EPSTEIN, A&S '29, with their annual award for service to Drexel athletics during halftime ceremonies at the Drexel-Penn Military College homecoming game, October 31. Epstein, an assistant football coach, head lacrosse coach and associate professor of physical education, has been connected with Drexel since 1947.

Epstein is a nationally known lacrosse figure and fathered the sport at Drexel. The 5'6" Drexel tradition first played lacrosse in his native state of Maryland and starred in football and lacrosse as an undergraduate at the University of Maryland, where he also obtained a law degree.

Epstein tutored football in Maryland high schools, was a line coach at Johns Hopkins University for four years, and was head freshman coach at Drexel for 13 seasons before moving to the varsity four years ago.

BEN DYER, Engr. '29, president of Ben Dyer Associates, consulting engineers with offices in Riverdale, Maryland, played host to the County Vocational education teachers during the recent Business-Education Day sponsored jointly by the Prince Georges Chamber of Commerce and the County Board of Education.

Mr. Dyer and one of his associates,

LESLIE A. SMITH, Engr. '46, explained the role of private engineering and planning firms such as his in the growth and development of the County and the technical training required by various departments of his firm, which employs nearly 100 persons.

1930-1939

MARGARET (COOK) FRENCH, H.Ec. '31 and M.E. '43, has returned to the Washington Metropolitan area after an absence of 18 years. Last year she taught in Anne Arundel County at Andover High School and George Fox Junior High.

Her daughter, Betsy, is a sophomore at Bucknell University, Pennsylvania, majoring in music; her son, Tom, is a freshman at Wesley College, Delaware, majoring in Business Administration.

ROBERT C. REEDER, JR., A&S '32, LL.B. '35, Westfield, New Jersey, has been named assistant vice president of Fireman's Fund American Insurance Companies.

Reeder is attached to the company's Eastern Regional headquarters in Newark.

Reeder joined the company in 1947 as assistant manager of bond and burglary insurance in the New York office and was named Eastern Department bond and burglary manager in 1957. He has been in the insurance business since 1935, following his graduation from the University of Maryland law school. He is a member of the Casualty and Surety Club of New York and is a district committeeman of the Boy Scouts of America.

DR. OTTO G. MATHEKE, JR., A&S '34, M.D. MED. '37, was a guest lecturer in surgery at the University of Bologna this past September. The Italian University invited Dr. Matheke to lecture to the seniors of the Medical School who are planning to intern in American hospitals next year. Dr. Matheke resides in East Orange, New Jersey, and is a surgeon on the staff of Presbyterian Hospital and St. Michael's Hospital in Newark.

ARTHUR H. BRYAN, A&S '34, Major AUS retired, after an European tour of England, France and Germany, returned to the U.S.A. to accept a position as Head Science Department, National Air Space Academy, Avon Park, Florida.

Major Bryan has published his 100th science and education article. He would like to contact any Maryland Alumni in Florida.

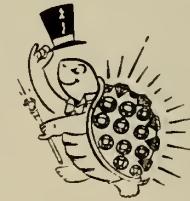
He taught in the School of Pharmacy, University of Maryland, Baltimore, as

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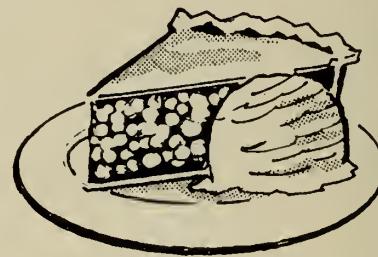
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CHARLES H. BERRY, Engr. '34, recently returned to the Washington Metropolitan area as vice president of General Precision, Inc.

DR. RAYMOND L. McCARTHY, A&S '37 & PH.D. '41, was named director of the Du Pont "Freon" Products Laboratory, succeeding Dr. Joseph S. Lann.

The "Freon" Products Division markets "Freon" compounds for use as refrigerants, aerosol propellents, fluoro solvents, blowing agents for urethane foams, dielectric gases, fire extinguishing agents and numerous specialty applications, including several in the space program.

Dr. McCarthy joined Du Pont in 1948, shortly after receiving his doctorate in physics from Yale University. He was assistant director of the "Freon" Products Laboratory at the time of his new appointment. Dr. Lann has been in research work with Du Pont since 1946 and had been director of the "Freon" Products Laboratory since 1954. He received his doctorate in organic chemistry from the University of Maryland in 1941, Ph.D. & A&S '37.

ROBERT J. MCLEOD, Engr. '37, chief engineer of the Washington Suburban Sanitary Commission, is author of an article on "Methods of Personnel Recruitment and Selection," which is featured in the current issue of the *American Water Works Association Journal*.

The publication, which is distributed to water utility executives throughout the Nation, this month offer a series of articles on personnel management.

"The strength of any organization is directly related to its personnel," Mr. McLeod tells AWWA members. "The water utility executives of today are the applicants of yesterday, and the applicants of today are the basis for a successful operation tomorrow."

Mr. McLeod discusses in detail the WSSC's continuing effort to acquire and retain capable personnel through programs of recruitment, evaluation, selection and classification.

"When employers realize the value of a sound selection and procurement program and develop employment procedures to make the best possible use of human resources," Mr. McLeod concluded, "they will reap such rewards as more efficient performance and reduced turnover, along with the resulting financial benefits to the organization."

DAVID L. BRIGHAM, A&S '38, moderator of the interfaith television program, "To Promote Good Will," last month won the annual Golden Deeds Award of the Exchange Club of Baltimore. Mr. Brigham is assistant vice president, First National Bank of Maryland, Rockville.

Others who have won the award include Charles P. McCormick, chairman of the Board of Regents, and Walter

Sondheim, Jr., director, Provident Savings Bank and the First National Bank of Maryland, Baltimore.

Brigham has also been elected president of the Maryland Society for Crippled Children and Adults. Formerly treasurer of the society, he served as a board member of the organization since 1961 and was chairman of the building fund campaign for the new headquarters building and treatment center of the association in Brooklyn.

JOHN D. MUNCKS, Engr. '39, has been elected to the Board of Directors of Charles H. Tompkins Co., Washington, D. C. contracting firm. Johnny is a vice president of Tompkins. While at the University, he was the President of the Student Government Association and a member of Omicron Delta Kappa and Phi Delta Theta. His wife is the former Sallie Vaiden, A&S '40.

PAULA NALLEY SNYDER, H.Ec. '39, home economist with Colonial Baking Company, has recently joined the Washington Milling Company staff as home economist. She is currently serving as secretary of the Alumni Board.

DR. JOHN H. WEINBERGER, PH.D. '39, U. S. Department of Agriculture, horticulturist at Fresno, California, was awarded the Department's Superior Service Award.

Secretary of Agriculture Orville L. Freeman, in making the award, noted that Dr. Weinberger has had remarkable success in developing varieties of peaches and other stone fruits with superior qualities.

Dr. Weinberger has originated more industry-accepted peach varieties than any other breeder, a fact which has led to his recognition as "Mr. Peach" by his colleagues and the peach industry. His new peach varieties, introduced by USDA's Agricultural Research Service have almost replaced former varieties grown both in the Southeast and in California and are gaining wide acceptance in British Columbia, Washington State, and other producing areas.

As a result of Dr. Weinberger's efforts, the peach industry in the Southeast has virtually changed from one supplying low-quality, white-fleshed peaches to one providing firm, high-quality peaches with the more attractive yellow flesh. In California, new tree-stone varieties have emphasized high quality and firmness.

Dr. Weinberger also was cited for his recent work in breeding high-quality apricot and plum varieties, and for developing a nematode-resistant peach which serves as rootstock for almond, plum, and apricot as well as peach varieties.

Dr. Weinberger began his USDA career as an assistant pomologist in 1931, working in the Washington, D. C. area. In 1937, he was assigned to Ft. Valley, Georgia, where he worked until his transfer to Fresno in 1954.

Dr. Weinberger is a member of the American Institute of Biological Science and the American Society for Horticultural Science.

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Ten career officers representing the Army, Navy, Marines and Air Force are among 69 cited by their alma maters as candidates for this year's *Sports Illustrated* Silver Anniversary All-American Awards. Nominated on the basis of their success in life in the 25 years since their senior collegiate gridiron days, the candidates from the 1939-40 season comprise a slate which sparkles with exciting football memories as well as an impressive record of career and community service achievement.

Maryland's candidate is COLONEL FRANCIS X. BEAMER, BPA '40, nominated by the University of Maryland, lettered in football in 1938 and '39. Winner of the Bronze Star with combat "V" for action on Tarawa, he rose steadily through various commands to his present position as Marine Corps liaison officer to the Naval Inspector General in Washington. He has been a battalion commander at Camp Lejeune, commanding officer of the Marine Barracks in Boston and assistant director of the Marine Corps Reserve.

The final selection of the annual roster is made by a panel of distinguished citizens, and announcement of the 25 winners will be made by the magazine in late November. This award is unique, however, in that nomination alone is regarded as a special honor, since colleges and universities do not nominate in a year when they do not have a candidate they deem to be of winning caliber.

HOWARD H. FAWCETT, A&S '40, recently assumed the position of technical secretary of a committee on hazardous materials recently established within the National Academy of Sciences National Research Council.

Fawcett, a native of Cumberland, Maryland, received his bachelor's degree from the University of Maryland and pursued graduate studies at the University of Delaware. He was a research and development chemist at E. I. duPont before joining the General Electric Research Laboratory in 1948. He has directed the safety activities of the Laboratory since that time, has been the author of numerous papers, and has been active in the American Chemical Society, the National Safety Council, and a variety of other organizations, national and local. He is the co-editor and one of the authors of a book, *Safety and Accident Prevention in Chemical Operations*, scheduled for January 1965 publication.



During promotion ceremonies at XXI U. S. Corps Headquarters at Indian-town Gap Military Reservation, Pennsylvania, BRIG. GEN. HARRY J. MIER, JR., Educ. '43, received the silver star of his new rank from Maj. Gen. Van H. Bond, commanding general of the XXI Corps.

General Mier commands the 157th Infantry Brigade, a major combat-type organization and the largest non-divisional unit comprising about 4,200 res-

In his new position, Fawcett will expedite interaction between the United States Coast Guard and a committee of industrial and university scientists studying the problems of shipping hazardous materials. The committee was established this year at the request of the Coast Guard.

East Carolina College at Greenville, North Carolina, recently announced the promotion to full professor of DR. OSCAR K. MOORE, M.S. '41. Dr. Moore is a native of Marianna, Florida.

MISS MARGARET T. LOAR, H.Ec. '41, received a citation in her College Park office from Mr. Ormond Galvin, Maryland's savings bond division director, U. S. Treasury Department, Baltimore, for encouraging Homemakers Clubs to initiate bond-buying programs.

Miss Loar is advisor to the Maryland State Council of Homemakers' Clubs, which works with extension home economists in every county and Baltimore City on consumer, family, and community problems.

LEONARD F. WILLIAMS, Engr. '43, recently completed the Nuclear Plant Engineer Course at the Nuclear Power Field (NPFO), Fort Belvoir, Virginia.

The six-week course is designed to provide the student with a general orientation with the Army Nuclear Power Program, and a familiarization with a typical military nuclear power plant and the technical support required in the operation of such plants.

A Bachelor of Science degree in either nuclear, mechanical, electrical, electronics, civil or chemical engineering, or a degree in mathematics, physics or chemistry is required in order to enroll for the course. Williams has been employed in the Engineering Department of Nuclear Power Field Office since last June.

WILLIAM H. POMEROY, Med. '43, in addition to conducting a most successful general practice of medicine in Poquonock, Connecticut, since 1947, has been recognized in *Who's Who in the East* for his numerous civic and professional activities.

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ervists from the central and eastern parts of Pennsylvania.

While at the University of Maryland, Harry Mier played half-back for the Terrapins.

WILSON R. TOULA, LL.B. '47, who lives in Baltimore County, is affiliated with the Social Security Administration as a social insurance court action specialist, Division of Disability Operations. Mr. Toula was vice chancellor, Gamma Eta Gamma at the University in 1947.

Nostalgic reminiscences of College Park Campus days received from **BARBARA SKINNER**, A&S '47, (Mrs. Dudley M. Bradford). Barbara's husband, who is affiliated with ACF Industries, Inc., has been transferred from Stamford, Connecticut, to St. Charles, Missouri.

RICHARD E. BANGHAM, Engr. '49, has been named manager of the Washington D. C., district for Ceco Steel Products Corporation.

Bangham, a civil engineer, joined Ceco's engineering department at Washington in 1948, and a year later was appointed sales engineer. After serving as manager of Baltimore and Charlotte offices, he was appointed assistant manager of the firm's Washington district in 1960.

Bangham and his wife, Leona, reside in Silver Spring, Maryland. They have four children, Richard, Jr., 15, Margaret, 13, William, 11 and Robert, 1.

ROBERT E. GALLOWAY, M.A. '48, who has been serving overseas as an advisor with the Agency for International Development, returned to the United States from Iran for home leave in December.

Galloway, a community development specialist, has been in Iran for the past four years. Previously, he served with the foreign aid program in Jordan for five years.

In Iran, Galloway advised and assisted the Ministry of Interior and Social Affairs and community development officials in a nation-wide community development program.

The main objective of the program was to meet the needs of Iran's rural population for economic, social and political development.

While in Iran he served on the Emergency Relief Distribution Committee, aided the Food for Work Program, served on the American Youth Committee, and was the Agency for Inter-

national Development's Representative on the Feeder Road Central Committee.

RALPH A. MAY, A&S '49, has been elected to the board of directors of Thalhimer Brothers, Inc. Ralph is president of the Ram Construction Corp. of Richmond and Miami, which he established in 1954. He and his wife, the former Faye Naviasky of Baltimore, and their three daughters live in Miami Beach, Florida.

1950-1959



EDGAR H. FARRELL, JR., LL.B. '50, who has been on the Detroit Sales Staff of *Time* magazine, stepped up recently to manager of the Detroit office. Mr. Farrell joined *Time's* New York advertising sales staff in 1952.

MAJOR WILLIAM A. GINN, Mil. Sci. '50, son of Mr. and Mrs. Arthur R. Ginn of 4215 Russell Ave., Mount Rainier, is now on duty with the U. S. Air Force's famed, six-time decorated 8th Tactical Fighter Wing at George AFB, California.

Major Ginn's new unit was originally activated in 1923 and became famous while flying award-winning combat missions over the Pacific, Philippines and

Korea during two wars. Today, the Wing is being equipped with the world's fastest jet fighter, the F-4C Phantom.

The major is a logistics staff officer with the 8th, which, 20 years after it supported ground forces on Luzon will continue to provide firepower for U. S. Army troops as part of the Tactical Air Command.

CHARLES D. HUGHES, BPA '51, will direct the management of commercial property for Walker & Dunlop, Inc. Previously with the Thomas J. Fisher Co. as vice president for property management, he formerly served for eight years with the property management department of H. G. Smithy Co.

R. KENNETH BARNES, Educ. '40 & M.Educ. '51, has been appointed Assistant State Superintendent for Vocational Rehabilitation by the Maryland State Board of Education. Mr. Barnes, currently Chief of the Division of Administration and Finance for the Depart-

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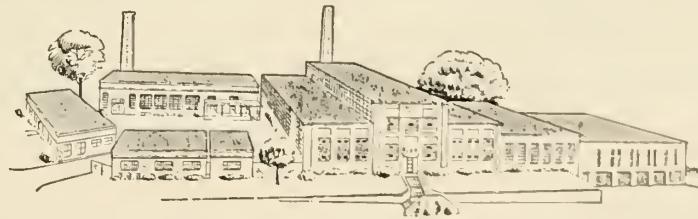
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ment of Mental Hygiene, will replace Dr. Robert C. Thompson, who is retiring from the State Department of Education.

From 1941-1946 Mr. Barnes served in the United States Army, holding the rank of major when he was released from active duty. In June of 1946 Mr. Barnes joined the Maryland State Department of Education as a vocational rehabilitation counselor. He served in this capacity until 1951 when he became Director of Rehabilitation in the Maryland State Department of Mental Hygiene. In 1954 he became Director of Personnel for that department. After holding this position for one year he became Assistant Superintendent of Spring Grove Hospital in Catonsville. He held this position until 1960 when he was elevated to his present position.

Mr. Barnes has currently completed 60 to 90 post-graduate hours leading to Ph.D. at the University of Maryland.

MAJOR HAROLD B. COFFEE, BPA '52, has been decorated with the U. S. Air Force Commendation Medal at Barksdale AFB, Louisiana.

Major Coffee was awarded the medal for meritorious service as an operations staff officer while serving at Altus AFB, Oklahoma.

The major was commissioned in 1944 upon completion of aviation cadet training.

A graduate of The Western High School in Washington, D. C., he is a member of Alpha Tau Omega.

DR. RICHARD A. KALISH, M.A., A&S '54, Assistant Professor of Psychology at California State College at Los Angeles, will have his 400-item bibliography published in the winter issue of the *Journal of Human Relations*.

Dr. Kalish has written a number of articles, including "Dealing with the Grieving Family," in *RN Magazine*, and "An Approach to Death Attitudes," published in *American Behavioral Scientist*. He also has three articles in progress, including "The Changing Face of Death," scheduled for publication in *North American Review*.

Dr. Kalish received his B.A. from Antioch College, Yellow Springs, Ohio, his M.A. from the University of Maryland, College Park, and his Ph.D. from Western Reserve University, Cleveland.

CAPTAIN WILLIAM R. KENTY, A&S '54, son of Mr. and Mrs. William Y. Kenty of 4810 Osage St., College Park, Maryland, was among U. S. Pacific Air Forces (PACAF) personnel who participated in Exercise Sky Soldier/Tien Bing VI, a joint U.S.-Republic of China training maneuver in central Formosa.

Captain Kenty is a F-100 fighter pilot temporarily assigned to Misawa AB, Japan.

The captain, a graduate of Towson High School, earned his B.A. degree at the University of Maryland and was commissioned there through the Reserve

Officer Training Corps program. He is a member of Sigma Chi.

LIEUTENANT COLONEL THOMAS H. McGUIGAN, Mil. Sci. '55, has completed the U. S. Air Force special training course for combat aircrew members at Castle AFB, California.

Colonel McGuigan, an education and training officer, is a graduate of Freeport, New York, High School. He attended the University of Maryland and the University of North Dakota. The colonel has a B.S. degree and was commissioned through the aviation cadet program. His wife is the former Martha L. Marquette.

HELEN A. ROWE, M.S. in Educ. '55, home demonstration agent of Middlesex County, Virginia, has been appointed extension district home demonstration agent for the northeast district of Virginia, which includes 18 counties and the cities of Hampton and Newport News. She will make her headquarters in Richmond, Virginia.

Miss Nila LaDuke became the bride of EDGAR HAMILTON FALLIN III, Engr. '56, in a November wedding. While at the University of Maryland, Fallin was affiliated with Lambda Chi Alpha. Currently he is doing research work at UCLA.

JOHN D. DILLON, Mil. Sci. '56, recently was awarded first prize in an advertising photography contest in England in competition with over 3,000 contestants. John has established his own photography company in Middlesex, England, and features American, as well as Continental, techniques. He is a member of Professional Photographers of America, Inc. John is married to the former Alison Falconer, who lectures in mathematics at the University

of Maryland evening program in the London area. They have three children.

CAPTAIN WILLARD R. MUMFORD, Educ. '56, son of retired Navy Commander and Mrs. Edgar R. Mumford of Rt. 1, Annapolis, has been assigned to Cannon AFB, New Mexico, for duty as a navigator.

Captain Mumford previously was assigned to Southern Methodist University in Dallas, Texas, where he completed requirements for a B.S. degree in mechanical engineering under the U. S. Air Force Institute of Technology program.

A graduate of Annapolis High School, the captain was commissioned upon completion of the Reserve Officer Training Corps program at the University of Maryland and received a B.S. degree. He is a member of Phi Kappa Sigma.

His wife, Elaine, is also a Maryland Graduate in Educ. '56.

MARTIN J. GOLDBERG, A&S '57, after leaving Maryland, graduated with honors from Howard Dental School and entered the USAF, where he served for two years. Dr. Goldberg presently has offices in Kensington, Maryland, and The Roosevelt Hotel, Washington, D. C.

While in dental school, Dr. Goldberg received NIH Grant for work on steroids and cortisone.

He is Vice President of ETA and serves on the Executive Board of Alpha Omega Dental Fraternity.

Dr. Goldberg's wife, the former Gloria Sue Wolf, is a Maryland graduate, B.S. '59.

COLONEL MURRAY W. COLE, Mil. Sci. '58, son of Mrs. Branda Q. Cole of 1425 11th St., Greeley, Colorado, has retired from the U. S. Air Force at Vandenberg AFB, California, after



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Colonel Cole served with a Strategic Air Command unit at Vandenberg prior to his retirement.

The colonel, a graduate of Greeley High School, earned his B.S. degree at the University of Maryland. He entered the service in March 1942 and received his commission through the aviation cadet program. During World War II he served in the European Theater of Operations.

LIEUTENANT COLONEL WILLIAM W. TOMLINSON, B.S.-UC '58, M.A.-BPA '63, son of Mrs. Margaret Tomlinson of 724 S. Halsey Rd., Dover, Delaware, has arrived to assume the position as chief of the systems management branch at Headquarters, Military Air Transport Service (MATS) at Scott AFB, Ill. Colonel Tomlinson served at Izmir, Turkey, prior to his appointment at Scott. His new unit supports the MATS mission of providing global airlift of U. S. military forces and equipment.

A graduate of Dover High School, he attended the University of Delaware. He received B.S. and M.A. degrees from the University of Maryland in College Park. Colonel Tomlinson is a member of Theta Chi.

LIEUTENANT COLONEL HAROLD E. HOWARD, CSCS '59, participated in Operation Ayacucho, a military training exercise involving seven nations of the Western Hemisphere conducted near Lima, Peru, in December.

Colonel Howard is assigned permanently to the Tactical Air Command's (TAC) Nineteenth Air Force with headquarters at Seymour Johnson AFB, North Carolina. TAC is providing troop carrier and reconnaissance aircraft as the air strike component of U. S. Strike Command forces participating in the exercise.

In addition to Peru, Latin American nations taking part in the three-day defense exercise include Argentina, Bolivia, Colombia, Paraguay and Venezuela.

Colonel Howard, a graduate of Lake Side High School, Lake Village, Arkansas, received his B.S. degree from the University of Maryland. Commissioned by direct appointment in 1942, he served in the China-Burma-India Theater of Operations during World War II.

GEORGE G. ROBBINS, BPA '59, has been appointed to the position of hospital representative for McNeil Laboratories, Inc., in the Washington, D. C., area.

Mr. Robbins joined McNeil in 1963 as a professional service representative in the Washington, D. C. area. Prior to that time he was engaged in sales work in the prescription drug industry for two years.

THE SIXTIES

LIEUTENANT COLONEL ELLIS B. MCCLINTICK, UC '60, has been selected for

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promotion to the rank of colonel in the U. S. Air Force.

Colonel McClintick is an aircraft maintenance staff officer with a Strategic Air Command SAC unit at Ellsworth AFB. His wing supports the SAC mission of keeping the nation's intercontinental missiles and jet bombers on constant alert.

The Colonel was commissioned in 1943 through the aviation cadet program.

A graduate of Walnut High School, he received a B.S. degree in 1960 from the University of Maryland. His wife is the former Rhoda E. Enslow of Canada.

LIEUTENANT COLONEL AMIN GEORGE, JR., UC '60, has assumed the position as a faculty member at the Air University's (AU) Squadron Officer School at Maxwell AFB, Alabama.

Colonel George, a military training instructor, has been assigned to the Air War College, also at Maxwell. His new unit is part of the AU which conducts the professional military education program for U. S. Air Force personnel.

The 21-year service veteran was commissioned upon completion of aviation cadet training.

Colonel George is a graduate of Thomas Jefferson High School. He attended Lamar Junior College in Beaumont, Texas, Texas A. & M. College, the University of Maryland and George Washington University in Washington, D. C. He has B.S. and M.A. degrees in international affairs.

NILS WILLIAM LARSEN, BPA '60, who was separated from the Air Force recently, has accepted a position with the United States Steel Corporation as an accountant at their Gary Steel Works in Gary, Indiana.

JACKIE SPENCER, A&S '60, is currently an assistant instructor in the Department of English at Ohio State University, where she received her M.A.

FIRST LIEUTENANT PAUL A. ROBERTS, BPA '61, Transportation Officer, DCS/Materiel, Fifth Air Force Reserve Region, has received his appointment as a regular officer in the U. S. Air Force.

He is a native of Greenbelt, the son of Mr. and Mrs. Wayne A. Roberts, 37E Ridge Road.

Lieutenant Roberts was graduated from the University of Maryland in 1961 with a B.S. degree in business administration, majoring in transportation.

He entered the service in August of 1961.

His assignments have included Commander of Det. 5, 8th Aerial Port Sq., Bien Hoa, Viet Nam, and a tour with the Fifth Air Force Reserve Region in August 1964.

Lieutenant Roberts began a 14-week Squadron Officers School course at Air University, Maxwell AFB, Alabama, on January 6, 1965.

COLONEL LUTHER G. JONES, JR., UC

'61, has been named Director of Maintenance with the Army Transportation Material Command (AVCOM), St. Louis.

He arrived here following graduation from Army flight training at Fort Wolters, Texas, where he received his wings as a helicopter pilot. He had earned his wings in conventional aircraft prior to attending helicopter training.

Col. Jones attended the University of Maryland, College Park, where he received a B.S. degree in military science in 1961. In 1963, he received an M.A. degree in international affairs from George Washington University, Washington, D. C.

BARRY EDWARD TOSSMAN, Engr. '61, received his M.S. degree in mechanical engineering during the University of Maryland June 6 commencement exercises held at College Park, Maryland.

DONALD CHAIKIN, B.A. '61, and an honors graduate from American University Law School in '61, is a partner in the law firm, Lawson, Chaikin, Nesbit and Reynolds in Washington, D. C. Chaikin is president of ETA.

CLAUDIA BRUSH, H.Ec. '62, is now employed with the Historical Textiles Division of the Smithsonian Institute in Washington, D. C. She received her Master of Science degree from Pennsylvania State University this past summer.

SECOND LIEUTENANT MICHAEL A. TAYLOR, A&S '62, son of Mr. and Mrs. Stanley N. Taylor of 12902 Goodhill Road, Silver Spring, Maryland, has entered U. S. Air Force navigator training at James Connally AFB, Texas.

Lieutenant Taylor will receive radar and celestial navigation training leading to the award of silver navigator wings upon graduation. The year-long course is conducted by the Air Training Command which trains officers and airmen in the diverse skills required by the nation's aerospace force.

Lt. Taylor is a graduate of Wheaton High School, and earned his B.A. degree at the University of Maryland. He received his commission in 1964 upon completion of the Officer Training School.

Drums Unlimited of Bethesda has announced the appointment of JAMES C. MATHEWS, BPA '63, as sales manager in charge of educational, governmental and military sales.

U. S. Air Force silver pilot wings have been awarded to Second Lieutenants LAWRENCE C. DENSON, Educ. '63; HILLER P. McCARTIN, JR., Engr. '63; and LLOYD D. SULLIVAN, Engr. '63. Second Lieutenant THOMAS J. FANTASKI, JR., A&S '63, has received his wings as a navigator and Second Lieutenant STEPHEN A. LEISHMAN, BPA '64, currently is receiving radar and celestial navigation training which will lead to navigator wings upon graduation.

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GAIL OWINGS, H.Ec. '64, joined the home economics staff of the Potomac Electric Power Company in October.

SYLVIA ECKHARDT, M.S. '64, has accepted a home economics position in the Woodrow Wilson High School, District of Columbia.

TERRY ETIENNE, H.Ec. '64, became the bride of John Buchanan on October 10. She is the daughter of an alumna of the College, ELINOR BROUGHTON, H.Ec. '38.

Sixteen of the 1964 journalism and public relations graduates at the University of Maryland have taken jobs in their professional field.

EDWARD G. BANKS, BPA '64, of Salisbury is writing articles for the public affairs section of the Maryland State Department of Forests and Parks.

CHARLES MARTIN BERRY, of Silver Spring, BPA '64, is doing public relations work for GEICO Insurance Company of Washington, D. C., as assistant to the director of field activities.

HOWARD BLACKBURN, BPA '64, of Cumberland, is copy reading for the Cumberland *Evening Times*.

BARRY LEE COLLIER, BPA '64, of Great Neck, N. Y., is director of public relations at the World's Fair Transportation and Travel Pavilion.

ANGELO A. FLORIA, BPA '64, is a technical manuals writer for the U. S. Naval Ordnance Laboratory. He is from Silver Spring.

MARTIN GOREWITZ, BPA '64, of Washington, D. C., is assistant editor of the *Qualified Contractor Magazine* for the National Electrical Contractors Association.

LINDA HANNEMANN, BPA '64, of Takoma Park, is doing advertising layout for the *Evening Star* of Washington, D. C.

STEVEN HAAS, BPA '64 is a police reporter for the Waterbury (Conn.) *Republican*. Mr. Haas is from Naugatuck, Connecticut.

CARMINE R. IANNAcone of Westport, Connecticut, BPA '64, is Director of Public Relations for Williamsport, Pennsylvania, Chamber of Commerce.

GARNETTE S. JONES, BPA '64, of Bethesda, is the Garden Club Editor of the Pittsburgh (Pa.) *Press*, a Scripps-Howard publication.

DONNALEE JUDD, BPA '64, of Hyattsville, is editing copy for the *New-American* of Baltimore.

JON M. KARR, BPA '64, of Chillum, is with the public information office of NASA.

EMORY K. KRISTOFF, BPA '64, is a staff photographer for the *National Geographic* magazine. He is from Washington, D. C.

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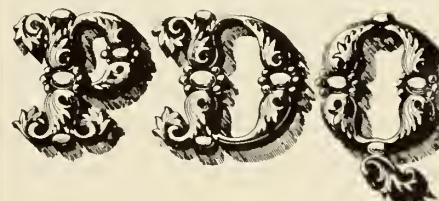
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HARRY R. POTTS, of Winchester, Virginia, is employed by the Information Office at the University of Nebraska, Lincoln, Nebraska.

PATRICIA J. REED, BPA '64, of Hyattsville, is a writer for *Conde Nast* Publication of Washington, D. C.

HERBERT S. SPECTOR, BPA '64, is doing public relations work for the Spector Candy Co. of Baltimore.

SALLY A. STEWART, BPA '64, of Silver Spring, is doing publicity work for George Washington University, Washington, D. C.

HARVEY MOGUL, A&S '64, is currently serving as a Peace Corps Volunteer in the Philippines. Mogul works with Filipino teachers to improve the quality of teaching and the curricula in math, science and English in the elementary schools.

Before going to the Philippines, he completed two weeks of camp training in Hawaii. Previously he spent eight weeks at Northern Illinois University, studying the history and culture of the Philippines, Far Eastern affairs, American history, and modern teaching methods.

GEORGE WAGNER, A&S '64, left for India on December 1 as a Peace Corps Volunteer. He will participate in a poultry and swine development program in Bihar and Uttar Pradesh, provinces in northeastern India.

With over 400 million people to feed, India is most concerned with improving farm techniques and expanding the yields of crops and livestock. Over half of the approximately 270 Peace Corps Volunteers now serving in India are engaged in agricultural work.

Wagner trained for 12 weeks at Oregon State University at Corvallis, Oregon, where he received intensive training in Hindi, the language of northeastern India. He also studied the history and culture of India, United States history and world affairs.

CAPTAIN THOMAS F. TAPMAN, UC '64, has arrived with his unit for a temporary duty tour at Misawa AB, Japan, a Pacific Air Forces installation.

The captain is a graduate of Rosebud High School. He received his commission through the aviation cadet program. Upon completion of the rotational tour, Captain Tapman will return to his home base at Cannon AFB, New Mexico.

GILLAND W. CORBITT, UC '64, is currently assigned in the Plans Section of the Headquarters, based at Langley Air Force Base, Virginia.



In Memoriam

HERSCHEL H. ALLEN, SR., Engr. '10, who supervised the design of the Chesapeake Bay Bridge, Baltimore Harbor Tunnel and some major Eastern toll roads, died December 6 of a heart attack. He was 74.

A nationally recognized engineer and specialist in bridge design, he was senior partner in the Baltimore firm of J. E. Greiner Company for twenty years until retiring in 1962.

Following his retirement from the consulting engineer firm, he had been active as a senior consultant to the company.

The four major water toll facilities in Maryland trace their origins to Mr. Allen, known as "Major" among associates because of his World War I service.

In 1938 he prepared the "Maryland Primary Bridge Report" for the State Roads Commission, in which he recommended the construction of the Potomac and Susquehanna River bridges, the Bay Bridge and the Harbor Tunnel.

Not only did this report suggest the location of the four toll facilities, which his firm designed, it put forth the method by which they were financed.

An early proponent of the revenue-bond financing method, wherein tolls are applied against the construction and operation costs, Mr. Allen's ideas for the Maryland facilities were also adopted by Pennsylvania on the first stage of its turnpike.

In the area of bridge engineering, during the construction of the Potomac River Bridge in 1940, he invented, and later patented, a new method of building bridge supports.

Steel piles were driven into bedrock, sometimes 200 feet below water level, to hold the concrete supports which appear to be the sole foundations of the structure.

Beginning with the Greiner firm as an engineer in 1919, Mr. Allen assumed more and more responsibility until he was named a junior partner by John E. Greiner in 1937. Five years later he became the firm's senior partner upon the death of Mr. Greiner.

Among the toll roads handled by the firm are the Ohio and Indiana Turnpikes and a portion of the New Jersey Turnpike. Under Mr. Allen's direction, the firm was a collaborator on Friendship International Airport and designed Boston's Mystic River Bridge.

Surviving are his wife, the former Margaret Burke; three sons, Charles B., John G. and Herschel H. Allen, Jr.; two daughters, Mrs. William F. Babcock and Mrs. Robert A. McGrain; a brother, Wendell D. Allen; nineteen grandchildren, and a greatgrandchild.

DR. GEORGE E. CLENDENIN, '59, prominent Washington (D.C.) area dental surgeon and civic leader, and a member of the Alumni Council, was injured fatally in a chain reaction accident on a Santa Barbara, California County highway, in mid-November.

The California Highway Patrol said Dr. Clendenin was standing near his stalled car by the side of U. S. 101 about three miles north of Buellton when he was struck by a car.



The patrol said the driver of the car was slowing down to see if she could help Dr. Clendenin and her car was struck in the rear by another auto, propelling her vehicle into the dentist.

Dr. Clendenin died 2½ hours after the accident, following open-heart surgery at St. Francis Hospital in Santa Barbara.

Only the Friday before, Dr. Clendenin had been named president-elect of the International College of Dentists, United States section. He had served as vice president for several years.

He was born in Fayetteville, N. C., and received his degree from the Baltimore College of Dental Surgery of the University of Maryland in 1929.

He had been a member of the attending staff of Suburban Hospital for 15 years, and had a private practice in Bethesda.

Among his many professional accomplishments, Dr. Clendenin was the founder of the Southern Maryland Dental Society, past president of the District of Columbia Dental Society, where he had been an active member since 1929, past president of the Board of Maryland State Dental Examiners, and past president of the Maryland State Dental Association.

In addition, he was a delegate to the American College of Dentists, and the American Society of Clinical Hypnosis.

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His civic activities include service on the board of directors of the Bethesda-Chevy Chase Chamber of Commerce, and past president of the Bethesda-Chevy Chase Rotary Club.

He was also a member of the Knights of Pythias, a Shriner, Almas Temple, and a member of the Terrapin Club of University of Maryland.

He leaves his wife, Marie M., of 7820 Overhill Rd., Bethesda, a son, Dr. G. Gary, a dentist in practice with his father, and two daughters, Marge, a nurse on the ship Hope, and Mrs. Pat Wesendorff of Dallas, Tex.

COL. WILLIAM G. DRAPER, BPA '39, personal pilot and Air Force aide to former President Eisenhower, died at his home, Camp Springs, Maryland, in November.

Col. Draper retired from the Air Force October 22, 1963, after suffering a severe heart attack while serving with a jet interceptor wing in Alaska.

A native of Ohio, Col. Draper grew up in the Washington area, was graduated from Central High School and attended the University of Maryland before becoming one of six young men in the country to be chosen for special civilian pilot training.

At 20 he was the youngest pilot to be accepted by Pan American Airways for training to ferry P-40 fighter planes to Africa.

During World War II, he served as chief pilot for the "Fireball Line" between Miami, Florida, and the China-Burma theater, and also ferried B-17 bombers and other planes across the Atlantic.

When the war ended, he was given three days to decide whether to apply for a permanent Air Force commission or to return to civilian life. He filled out the forms and was granted a permanent commission.

One day in 1950, he was summoned without explanation to the office of Gen. Lauris Norstad at the Pentagon. After a series of questions, Norstad abruptly asked the young officer if he would like to become the pilot for Gen. Eisenhower in his new job as Supreme Allied Commander for the North Atlantic Treaty Organization. He said he would.

For the next decade, Col. Draper went virtually everywhere Eisenhower did. One of the general's first acts after he became president was to name Col. Draper his personal pilot and Air Force aide.

In 1959, Col. Draper took 11 weeks off from his duties at the White House to take special jet training. Later that year, he brought the presidency into the jet age at the controls of the president's new jet airliner.

When Eisenhower left the White House in 1961, Col. Draper was assigned to the interceptor wing in Alaska, where he served until his retirement.

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In addition to his wife, Col. Draper leaves four children, Mary Ann, Jimmy, William G., Jr. and Priscilla.

A former Washington man was among the seven crew members killed in the crash of an Air Force C-133 Cargo master at Goose Bay Air Force Base, Labrador.

He was CAPT. CHARLES LLOYD JENKINS, Agr. '53, married and the father of three children, co-pilot of the plane.

The giant four-engine cargo plane was based at Dover (Del.) Air Force Base. It was heading for Sondrestrom, Greenland, when it crashed wing-first, shortly after takeoff, and burned. A light snow was falling at the time of the crash.

Jenkins had made his home in Dover, with his wife, Anne, and their three children. Jenkins was graduated from Anacostia High School in 1949.

He was commissioned in the Air Force then upon graduation.

WILLIAM M. B. MULLETT, A&S '38, a director of the Washington Board of Trade and senior vice president of the Washington advertising concern of Kal, Ehrlich & Merrick, Inc., died after a heart attack at his home, in Bethesda. He was 49.

Mr. Mullett joined the advertising agency as a junior account executive in 1938.

He remained with the concern until his death, except for five years' service as an Army officer during World War II. He was elected senior vice president and a director of Kal, Ehrlich & Merrick in March, 1960.

Mr. Mullett was a past chairman of the Board of Trade's membership committee and of its annual mid-winter dinner. In 1960 he received the Board's "Man of the Year" award.

He was also a founder of Heroes, Inc., a fund set up this year to receive contributions for the families of Washington policemen killed in the line of duty.

He was a member of the Georgetown Kiwanis Club, the National Capital Area Council of the Boy Scouts of America, the Veterans of Foreign Wars and the Congressional Country Club.

DR. JOSEPH PIOMBINO, JR., D.D.S. '33, Baltimore dentist for about 30 years, died following a prolonged illness. He was 56.

He was born in Italy, but came to this country when he was just 7 years old. His family settled in Bloomfield, N. J., and Dr. Piombino gained his early education in Bloomfield schools.

After finishing his dental education at the University of Maryland's School of Dentistry, Dr. Piombino remained in Baltimore to establish his practice.

Dr. Piombino belonged to the American Dental Association, the Elks, the Fourth Degree of the Knights of Co-

lumbus, the Cheese Club, the Appian Society and the Holy Name Society at St. James Catholic Church.

Retired Marine Brig. Gen. EDWARD L. PUGH, Educ. '25, World War II Marine fighter pilot in the South Pacific and a star University of Maryland football player from 1921 to 1924, died of cancer recently in a San Diego hospital.

Born in Chevy Chase, Gen. Pugh was the son of the late Mr. and Mrs. Edward L. Pugh. His mother was outstanding in Catholic work and the Democratic Party and his father was one of the first appointees to the Interstate Commerce Commission.

Gen. Pugh was appointed a second lieutenant in the Marine Corps in 1925 and was a student naval aviator in 1928 after having served in the Marine Barracks in Washington, Parris Island and Quantico.

He was assigned to the aircraft squadron with the Second Marine Brigade and served in Nicaragua in 1929 and 1930. He was with the Fleet Marine Corps until his retirement in 1954.

He attended McKinley High School and graduated from the University of Maryland in 1925. He captained the 1924 football squad and the 1925 track team.

The 1925 Maryland yearbook said of him: "Captain Ed Pugh, for four years a regular on the varsity and the unanimous choice for captain his senior year. Ed's hard plan . . . and able leadership have won him a lasting place in Maryland's Hall of Fame."

Gen. Pugh was awarded the Legion of Merit for "superb leadership" with a Marine air fighter command in the South Pacific in 1943.

His command was credited with downing more than 100 enemy planes in a single day's action in the New Georgia area while covering the advance of ground troops.

He leaves his wife, Mary; one son, Edward L. III, and four daughters, Mother Marie and Sarah, all of the home address, and Mary Elizabeth, of Louisiana, and Mrs. Emily DeCesare, of Kentucky; three brothers, Montgomery County Circuit Court Judge James H. Pugh, of Rosemary Street, Chevy Chase; Lt. Col. (U. S. Army, retired) Michael O'Connor Pugh, of Pompano Beach, Fla., and Robert A. Pugh, of Olney, Md.

DR. ELBERT COY REITZEL, M.D. '17, specialist in psychiatry and neurology who served as a medical officer during World Wars I and II, died recently.

Dr. Reitzel, who maintained a general practice in Baltimore between the wars, suffered a heart attack at his home.

Retiring from the Navy as a captain in 1955 after fourteen years' service, he was the psychiatrist on the Board of Veterans Appeals in Washington until his final retirement two years ago.

Born in Burlington, N. C., he received his undergraduate degree from Roanoke College and his M.D. degree in 1917, from the University of Maryland Medical School.

Dr. Reitzel served as an Army captain during World War I and, while on active duty, took a residency in psychiatry and neurology at St. Elizabeth's Hospital in Washington. He also performed other post-graduate work at the Johns Hopkins Hospital in the 1930's.

For a year following the war he was with the United States Public Health Service, assigned to Maryland mental institutions and health service hospitals in the Baltimore and Washington areas.

Dr. Reitzel belonged to the American Psychiatric Association, the American Medical Association and other professional groups.

DR. RICHARD LEE SILVESTER, Agr. '08, a Washington physician for 50 years, died the latter part of November, at his Washington home, of a heart attack.

Dr. Sylvester was born in Aquasco, and was graduated from the University of Maryland in 1908 while his father, Richard William Sylvester, was the school's president. He attended Johns Hopkins Medical School in Baltimore and spent several years there following his graduation as a resident physician, before establishing practice there.

During World War I, he was a lieutenant in the Navy Medical Corps.

He was a member of St. Alban's Episcopal Church, the American Medical Association, the American College of Surgeons and the Medical Society of D. C.

Dr. Sylvester is survived by his wife Josephine of 3140 Klingle Road, N.W., Washington; a daughter, Mrs. Allen Kirkpatrick and four grandchildren.

DR. ALFRED E. THEODORE, D.D.S. '32, was 54, died at Fort Howard Veterans Hospital after a two-month illness.

Born in Baltimore, he was a graduate of City College and the University of Maryland School of Dentistry.

A life member of Alpha Omega dental fraternity, he belonged to Gorgas Odontological Society and the Maryland Free State Post of the Jewish War Veterans.

CAPT. WILLIAM J. WALSH, A&S '51, was killed at Eglin Air Force Base in Florida in early November.

Capt. Walsh, an Air Force pilot, crashed during a training mission while piloting his Douglas Skyraider.

Educated in the District of Columbia schools and graduated from the University of Maryland in 1951, he served in the Air Force in Europe and the Far East.

Survivors include his mother, Mrs. Delphine Walsh of 1313 Quincy St., N.E., and a sister, Mrs. Margaret Walsh Larsin, also of Washington.



AROUND THE WORLD - 1965

September 17 to October 23

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The great success of the Alumni European Tours and the great interest shown in other ventures have encouraged the Alumni Office to arrange a truly adventurous and exciting trip Around the World. Just a few of the highlights will include Honolulu, Tokyo, Nikko, Kyoto, Hong Kong, Bangkok, Calcutta, Banares, Agra (the Taj Mahal), Delhi, Istanbul, Athens, Madrid and Lisbon. Five memorable weeks, but there is more. There is an optional week extension which will include Cairo (the pyramids and Sphinx), Jerusalem, New Jerusalem, Tiberias, Nazareth, Haifa, Tel Aviv.

This luxury trip will cost \$2286.80 and the Middle East Extension will be an additional \$230.00. The price includes jet transportation, luxury hotels, sightseeing fees and most meals.

For full details, write to Victor Hohn, Alumni Office, University of Maryland, College Park, Maryland, 20742.

See the inside front cover.





Thin Film, Big future

This little wafer of glass is one of the most significant telephone advances since the invention of the transistor.

Reason? It's a complete electrical circuit, ready to be slipped into a piece of communications equipment.

In the years to come, as it finds its way into new Bell System "hardware," it will save money and help hold down the cost of your telephone service.

We deposit thin films of metal *only four millionths of an inch thick* on a glass surface like that shown in the picture above.

Because thin-film circuits are photo-etched on the glass, they can be made economically.

And because a number of components and connections can be consolidated into one unit, thin-film circuitry is extremely reliable and precise.

Thin-film technology has benefited from many important contributions by Bell Telephone Laboratories. It is now being applied to a number of Bell System products manufactured by Western Electric. Among these are a new Electronic Central Office, a new high-speed data transmission system, and a new switchboard.

Thin as the film is, its future is big in our plans to keep improving your telephone service while helping to hold down its cost.



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